RapidNet Fibre | 14

Introduction

The RapidNet fibre range from HellermannTyton offers a wide range of pre-terminated fibre connectivity options.

Adopting the RapidNet system can reduce project installation times by up to 95% (compared with traditional field terminated installations) while maintaining consistent, factory quality terminations.

All RapidNet products are pre-terminated and pre-tested in a clean factory environment with test results supplied to the installer/end user.

RapidNet fibre can achieve high levels of fibre density, using available space effectively and efficiently. The MTP range can achieve up to 144 fibre connections in a single cassette, whilst the LC Duplex version can offer up to 24 fibres per cassette.

The industry leading pre-terminated structured cabling system is available in a number of formats, each designed to meet the needs of the customer and their project.

RapidNet fibre formats include:

- LC/SC cassette to cassette
- LC/SC cassette to fan out
- LC/SC cassette to bare end
- MTP cassette to cassette
- MTP cassette to fan out
- LC/Keyed LC cassette to cassette
- LC/Keyed LC cassette to fan out
- MTP rear cassette connectivity for LC
- MTP rear cassette connectivity for Keyed LC

High Density LC Patching in the RapidNet Distribution Chassis

Features and Benefits

- Reduces installation time by up to 95%
- World leading pre-terminated system
- Supports the latest high speed systems up to 100G
- High density, space saving fibre and copper versions available
- Faster investment to revenue stream
- Wide range of mounting options
- Less waste, UK manufactured - reduced carbon footprint

RapidNet Fibre LC 24 Core OS1
Cassette to Bare End
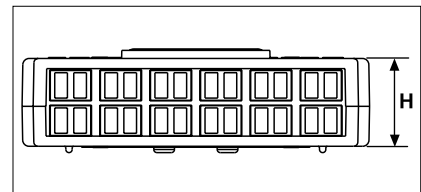
Features and Benefits
- Up to 96 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied
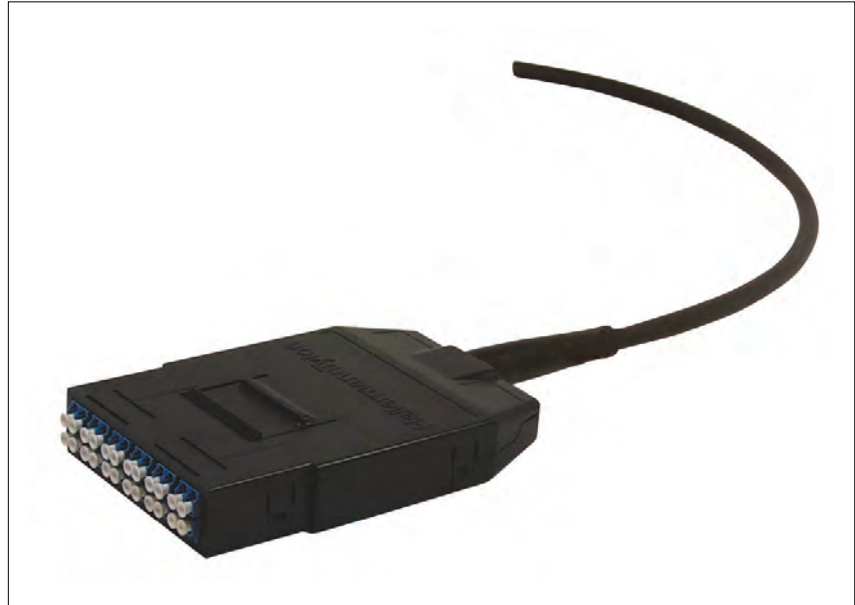
Singlemode RapidNet Cassette to Bare End 24 Core
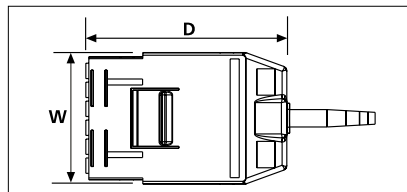
Top View of the 24 port LC RapidNet Fibre Cassette

Front View of the 24 port LC RapidNet Fibre Cassette

Product Description

This RapidNet fibre is a pre-terminated fibre loom, supplied with a 24 fibre cable bundled as either 2 bundles of 12 fibres or 3 bundles of 8 fibres.

One end of the loom is terminated into a RapidNet cassette. The fibres are terminated to single mode connectors which are then dressed into the onboard fibre management tray within the cassette and presented on 12 LC duplex adaptors, orientated to allow the locking spring clips to be accessible for both upper and lower levels.

The other end of the cable is un-terminated to allow splicing into a range of HellermannTyton fibre closures. Please note when ordering ensure that the length of cable is sufficient for any fibre management being used.

Technical Description

The RapidNet Fibre LC Cassette offers 24 ports using pre-terminated singlemode OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

RNFTD24-LCBESA-20.0M is constructed with a 24 core OS1 cable with 2 bundles of 12 fibres. RNFTD24-LCBESB-20.0M is constructed with a 24 core OS1 cable with 3 bundles of 8 fibres.

NB. Part Number is given for a 20m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-21650	RNFTD24-LCBESA-20.0M	OS1 Single Mode	27	102	130	20.0 m	24
859-21857	RNFTD24-LCBESB-20.0M	OS1 Single Mode	27	102	130	20.0 m	24

All dimensions in mm. Subject to technical changes.
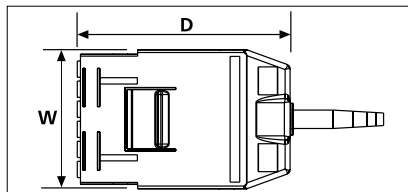
HellermannTyton

RapidNet Fibre LC 24 Core
Keyed Cassette to Keyed Cassette
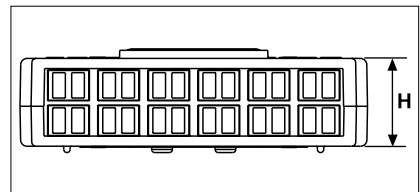
Features and Benefits
- Upto 96 fibres in 1U of space
- Mechanical segregation and identification of network paths or security hierarchies
- Reduced risk of accidental or malicious network access
- Keyed LC connectors will only mate with the corresponding adapter
- Standard LC connectors will not mate with keyed adapters
- 12 different mechanical and colour options
- Pre-tested with test results supplied

24 Core Keyed LC RapidNet Cassette to Cassette

Top View of the 24 port LC RapidNet Fibre cassette

Front View of the 24 port LC RapidNet Fibre cassette

Product Description

The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer upto 24 ports in one cassette.

Each cassette fits into the RapidNet Panel which accepts 4 cassettes in1U of space, achieving a maximum of 96 fibres ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

TheRapidNet Fibre Keyed LC Cassette offers 24 ports using pre-terminated OM4, OM3 and OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard colour options for a 10m loom length in OS1. Other lengths, OM3, OM4 and colour options are available on request that meet the maximum distance performances and connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-21962	RNFTD24-L2L2S1-10.0M	27	102	130	24	Pink (PK)
859-21963	RNFTD24-L3L3S1-10.0M	27	102	130	24	Yellow (YE)
859-21964	RNFTD24-L4L4S1-10.0M	27	102	130	24	Red (RD)
859-21965	RNFTD24-L5L5S1-10.0M	27	102	130	24	Orange (OG)
859-21966	RNFTD24-L6L6S1-10.0M	27	102	130	24	Grey (GY)
859-21967	RNFTD24-L7L7S1-10.0M	27	102	130	24	Turquoise (TQ)
859-21968	RNFTD24-L8L8S1-10.0M	27	102	130	24	Green (GN)
859-21961	RNFTD24-LHLHS1-10.0M	27	102	130	24	Cobalt Blue (CTBU)

All dimensions in mm. Subject to technical changes.
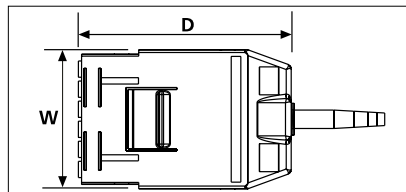
HellermannTyton

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RadpidNet Fibre LC 24 Core
Keyed Cassette to Standard Cassette
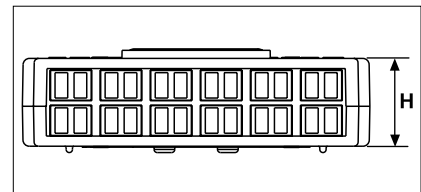
Features and Benefits

- Upto 96 fibres in 1U of space
- Mechanical segregation and identification of network paths or security hierarchies
- Reduced risk of accidental or malicious network access
- Keyed LC connectors will only mate with the corresponding adapter
- Standard LC connectors will not mate with keyed adapters
- 1 Keyed LC Cassette and 1 Standard LC Cassette
- 12 different mechanical and colour options
- Pre-tested with test results supplied

RapidNet 24 Core Keyed LC Cassette to Standard LC Cassette

Top View of the 24 port LC RapidNet Fibre Cassette

Front View of the 24 port LC RapidNet Fibre Cassette

Product Description

The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer upto 24 ports in one cassette.

Each cassette fits into the RapidNet Panel which accepts 4 cassettes in1U of space, achieving a maximum of 96 fibres ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

TheRapidNet Fibre Keyed LC Cassette offers 24 ports using pre-terminated OM4, OM3 and OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard colour options for a 10m loom length in OS1. Other lengths, OM3, OM4 and colour options are available on request that meet the maximum distance performances and connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-21978	RNFTD24-L2LCS1-10.0M	27	102	130	24	Pink (PK)
859-21979	RNFTD24-L3LCS1-10.0M	27	102	130	24	Yellow (YE)
859-21980	RNFTD24-L4LCS1-10.0M	27	102	130	24	Red (RD)
859-21981	RNFTD24-L5LCS1-10.0M	27	102	130	24	Orange (OG)
859-21982	RNFTD24-L6LCS1-10.0M	27	102	130	24	Grey (GY)
859-21983	RNFTD24-L7LCS1-10.0M	27	102	130	24	Turquoise (TQ)
859-21984	RNFTD24-L8LCS1-10.0M	27	102	130	24	Green (GN)
859-21977	RNFTD24-LHLCS1-10.0M	27	102	130	24	Cobalt Blue (CTBU)

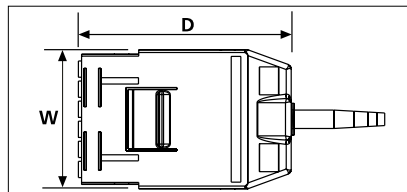All dimensions in mm. Subject to technical changes.

RapidNet Fibre LC 24 Core
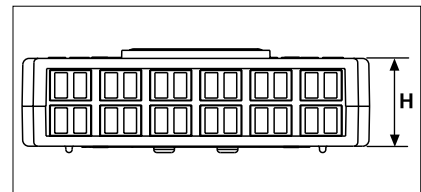**Cassette to Cassette**

Features and Benefits
- Up to 96 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

24 Port LC RapidNet Cassette to Cassette

Top View of the 24 port LC RapidNet Fibre Cassette

Front View of the 24 port LC RapidNet Fibre Cassette

Product Description
The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode. LC cassettes offer up to 2 4 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall

performance.

Technical Description
The RapidNet Fibre LC Cassette offers 24 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-20624	RNFTD24-LCLCM3-10.0M	OM3 Multimode	27	102	130	10 m	24
859-21654	RNFTD24-LCLCM4-10.0M	OM4 Multimode	27	102	130	10 m	24
859-20875	RNFTD24-LCLCS1-10.0M	OS1 Single Mode	27	102	130	10 m	24

All dimensions in mm. Subject to technical changes.
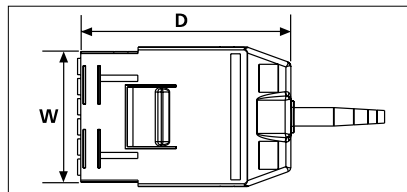
HellermannTyton

RapidNet Fibre LC 12 Core
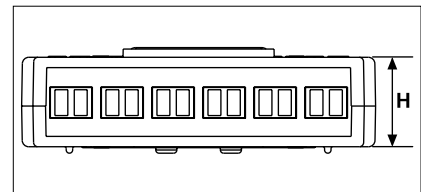### Keyed Cassette to Keyed Cassette

Features and Benefits

• Up to 48 fibres in 1U of space
• Mechanical segregation and identification of network paths and security hierarchies
• Reduced risk of accidental or malicious network access
• Keyed LC connectors will only mate with corresponding adapter
• Standard LC connectors will not mate with keyed adapters
• 12 different mechanical and colour options
• Pre-tested with test results supplied

12 Core Keyed LC RapidNet Cassette to Cassette

Top View of the 12 port LC RapidNet Fibre Cassette

Front View of the 12 port LC RapidNet Fibre Cassette

Product Description

The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer upto 12 ports in one cassette.

Each cassette fits into the RapidNet Panel which accepts 4 cassettes in1U of space, achieving a maximum of 48 fibres ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

TheRapidNet Fibre Keyed LC Cassette offers 12 ports using pre-terminated OM4, OM3 and OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard colour options for a 10m loom length in OS1. Other lengths, OM3, OM4 and colour options are available on request that meet the maximum distance performances and connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-21994	RNFTD12-L2L2S1-10.0M	27	102	130	12	Pink (PK)
859-21995	RNFTD12-L3L3S1-10.0M	27	102	130	12	Yellow (YE)
859-21996	RNFTD12-L4L4S1-10.0M	27	102	130	12	Red (RD)
859-21997	RNFTD12-L5L5S1-10.0M	27	102	130	12	Orange (OG)
859-21998	RNFTD12-L6L6S1-10.0M	27	102	130	12	Grey (GY)
859-21999	RNFTD12-L7L7S1-10.0M	27	102	130	12	Turquoise (TQ)
859-22000	RNFTD12-L8L8S1-10.0M	27	102	130	12	Green (GN)
859-21993	RNFTD12-LHLHS1-10.0M	27	102	130	12	Cobalt Blue (CTBU)

All dimensions in mm. Subject to technical changes.
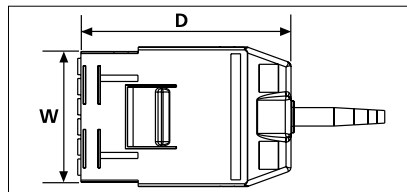
HellermannTyton

RapidNet Fibre LC 12 Core
Keyed Cassette to Standard Cassette
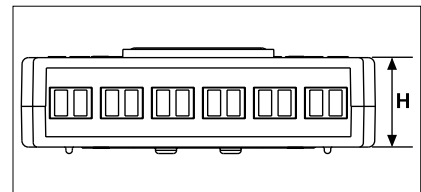
Features and Benefits
- Upto 48 fibres in 1U of space
- Mechanical segregation and identification of network paths or security hierarchies
- Reduced risk of accidental or malicious network access
- Keyed LC connectors will only mate with the corresponding adapter
- Standard LC connectors will not mate with keyed adapters
- 1 Keyed LC Cassette and 1 Standard LC Cassette
- 12 different mechanical and colour options
- Pre-tested with test results supplied

RapidNet 12 Core Keyed Cassette to Standard LC Cassette

Top View of the 12 port LC RapidNet Fibre Cassette

Front View of the 12 port LC RapidNet Fibre Cassette

Product Description
The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer up to 12 ports in one cassette.

Each cassette fits into the RapidNet Panel which accepts 4 cassettes in1U of space, achieving a maximum of 48 fibres ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description
TheRapidNet Fibre Keyed LC Cassette offers 12 ports using pre-terminated OM4, OM3 and OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard colour options for a 10m loom length in OS1. Other lengths, OM3, OM4 and colour options are available on request that meet the maximum distance performances and connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-22010	RNFTD12-L2LCS1-10.0M	27	102	130	12	Pink (PK)
859-22011	RNFTD12-L3LCS1-10.0M	27	102	130	12	Yellow (YE)
859-22012	RNFTD12-L4LCS1-10.0M	27	102	130	12	Red (RD)
859-22013	RNFTD12-L5LCS1-10.0M	27	102	130	12	Orange (OG)
859-22014	RNFTD12-L6LCS1-10.0M	27	102	130	12	Grey (GY)
859-22015	RNFTD12-L7LCS1-10.0M	27	102	130	12	Turquoise (TQ)
859-22016	RNFTD12-L8LCS1-10.0M	27	102	130	12	Green (GN)
859-22009	RNFTD12-LHLCS1-10.0M	27	102	130	12	Cobalt Blue (CTBU)

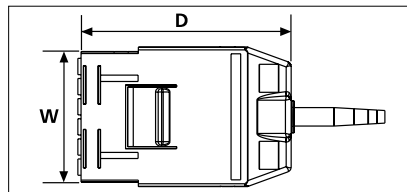All dimensions in mm. Subject to technical changes.

RapidNet Fibre LC 12 Core
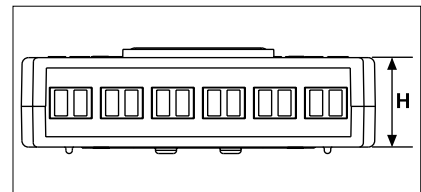### Cassette to Cassette

Features and Benefits
- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

12 Port LC RapidNet Cassette to Cassette

Top View of the 12 port LC RapidNet Fibre Cassette

Front View of the 12 port LC RapidNet Fibre Cassette

Product Description

The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode.

Each 12 port cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre LC Cassette offers 12 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-20622	RNFTD12-LCLCM3-10.0M	OM3 Multimode	27	102	130	10 m	12
859-21653	RNFTD12-LCLCM4-10.0M	OM4 Multimode	27	102	130	10 m	12
859-20832	RNFTD12-LCLCS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

All dimensions in mm. Subject to technical changes.
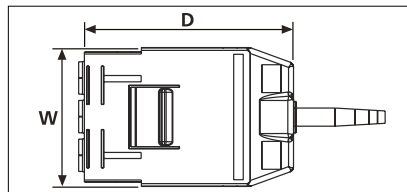
HellermannTyton 163

RapidNet Fibre SC 12 Core
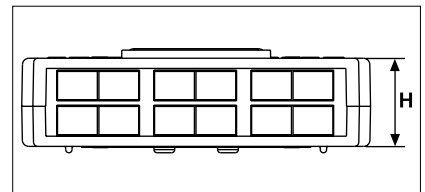**Cassette to Cassette**

Features and Benefits
- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

12 Port SC RapidNet Cassette to Cassette

Top View of the 12 port SC Duplex RapidNet Cassette

Front View of the 12 port SC Duplex RapidNet Cassette

Product Description

The RapidNet Fibre Cassette is pre-terminated offering SC connectivity in either single mode or multimode.

Each 12 port cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre SC Cassette offers 12 (6 duplex) ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-20917	RNFTD12-SCSCM3-10.0M	OM3 Multimode	27	102	130	10 m	12
859-21669	RNFTD12-SCSCM4-10.0M	OM4 Multimode	27	102	130	10 m	12
859-20639	RNFTD12-SCSCS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

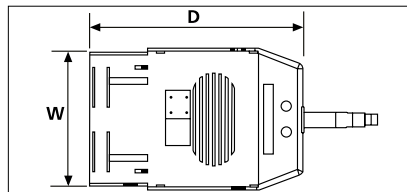All dimensions in mm. Subject to technical changes.

RapidNet MTP VHD 144 Core
12 MTP Cassette to Cassette
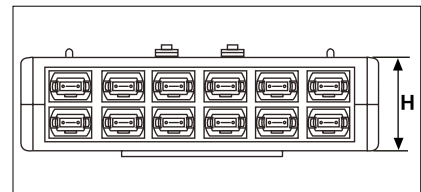
Features and Benefits
- Up to 576 fibres in 1U of Space
- High performance low loss Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

12 Port MTP Cassette to Cassette

Top View of the MTP VHD 12 Port Cassette

Front View of the MTP VHD 12 Port Cassette

Product Description
The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 576 fibres in a single U of rack space. Each VHD cassette presents twelve 12 core MTP connectors.

Technical Description
The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00156	RNFTVH4-MCMCM3-10.0M	OM3 Multimode	27	102	130	10 m	12
860-00157	RNFTVH4-MCMCM4-10.0M	OM4 Multimode	27	102	130	10 m	12
860-00155	RNFTVH4-MCMCS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

All dimensions in mm. Subject to technical changes.
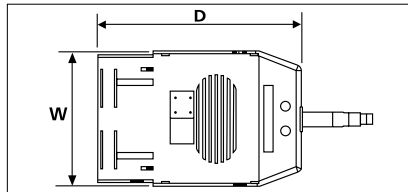
HellermannTyton 165

RapidNet MTP VHD 144 Core
6 MTP Cassette to Cassette
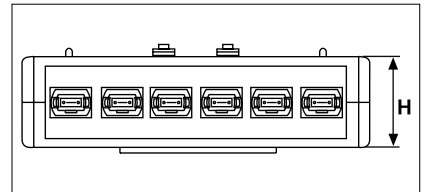
Features and Benefits
- Up to 576 fibres in 1U of Space
- High performance low loss Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

6 Port MTP Cassette to Cassette

Top view of 6 Port MTP VHD RapidNet Cassette

Front view of 6 Port MTP VHD Cassette

Product Description

The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 576 fibres in a single U of rack space. Each VHD cassette presents six 24 core MTP connectors.

Technical Description

The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00153	RNFT6H4-MCMCM3-10.0M	OM3 Multimode	27	102	130	10 m	6
860-00154	RNFT6H4-MCMCM4-10.0M	OM4 Multimode	27	102	130	10 m	6
860-00152	RNFT6H4-MCMCS1-10.0M	OS1 Single Mode	27	102	130	10 m	6

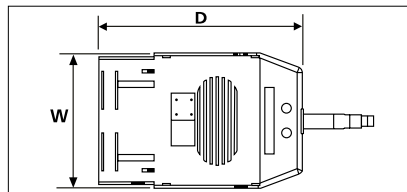All dimensions in mm. Subject to technical changes.

v43

RapidNet MTP VHD 72 Core
6 MTP Cassette to Cassette
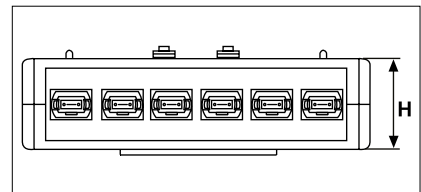
Features and Benefits

- Up to 288 fibres in 1U of Space
- High performance low loss
  Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet
  Cassettes
- Pre-tested with test results supplied

6 Port MTP Cassette to Cassette

Top view of 6 Port MTP VHD RapidNet Cassette

Front view of 6 Port MTP VHD Cassette

Product Description

The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 288 fibres in a single U of rack space. Each VHD cassette presents six 12 core MTP connectors.

Technical Description

The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00106	RNFT672-MCMCM3-10.0M	OM3 Multimode	27	102	130	10 m	6
860-00000	RNFT672-MCMCM4-10.0M	OM4 Multimode	27	102	130	10 m	6
860-00047	RNFT672-MCMCS1-10.0M	OS1 Single Mode	27	102	130	10 m	6

All dimensions in mm. Subject to technical changes.

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RapidNet MTP VHD 144 Core
12 MTP Cassette to MTP Fan Out

Features and Benefits
- Up to 576 fibres in 1U of Space
- High performance low loss Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied
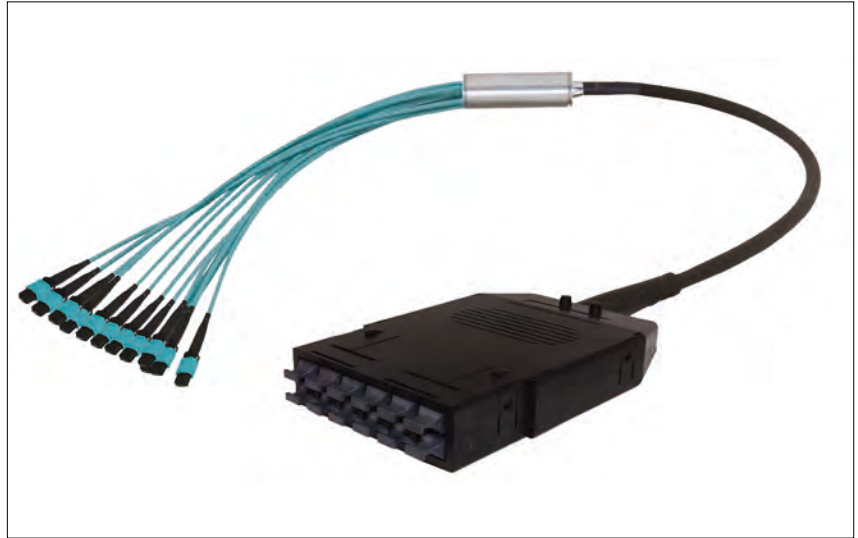
MTP VHD 12 Port Cassette to Fan Out
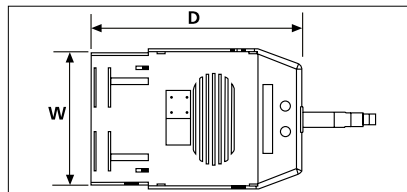
Top View of the MTP VHD 12 Port Cassette
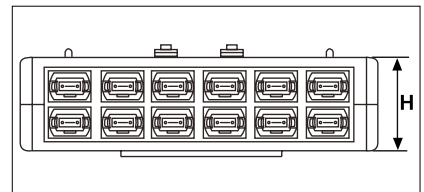
Front View of the MTP VHD 12 Port Cassette

Product Description

The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 576 fibres in a single U of rack space. The VHD cassette presents twelve 12 core MTP connectors with a fan out of twelve 12 core MTP's at the other end.

Technical Description

The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00165	RNFTVH4-MCMDM3-10.0M	OM3 Multimode	27	102	130	10 m	12
860-00166	RNFTVH4-MCMDM4-10.0M	OM4 Multimode	27	102	130	10 m	12
860-00164	RNFTVH4-MCMDS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

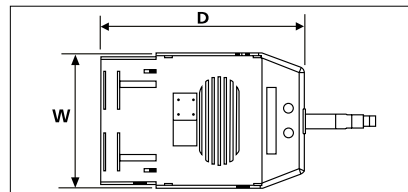All dimensions in mm. Subject to technical changes.

v43

RapidNet MTP VHD 144 Core
6 MTP Cassette to MTP Fan Out
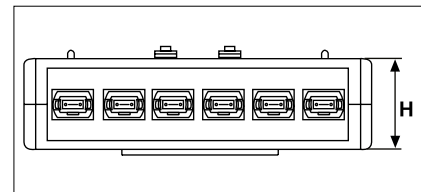
Features and Benefits

- Up to 576 fibres in 1U of Space
- High performance low loss Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

MTP VHD 6 Port Cassette to Fan Out

Top view of 6 Port MTP VHD RapidNet Cassette

Front view of 6 Port MTP VHD Cassette

Product Description

The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 576 fibres in a single U of rack space. The VHD cassette presents six 24 core MTP connectors with a fan out of six 24 core MTP's at the other end.

Technical Description

The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00162	RNFT6H4-MCMDM3-10.0M	OM3 Multimode	27	102	130	10 m	6
860-00163	RNFT6H4-MCMDM4-10.0M	OM4 Multimode	27	102	130	10 m	6
860-00161	RNFT6H4-MCMDS1-10.0M	OS1 Single Mode	27	102	130	10 m	6

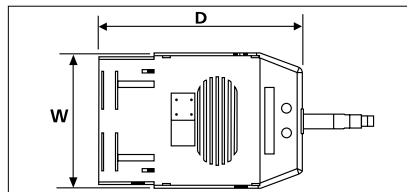All dimensions in mm. Subject to technical changes.

RapidNet MTP VHD 72 Core
6 MTP Cassette to MTP Fan Out
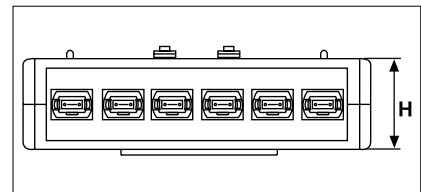
Features and Benefits
- Up to 288 fibres in 1U of Space
- High performance low loss Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- Pre-tested with test results supplied

MTP VHD 6 Port Cassette to Fan Out

Top view of 6 Port MTP VHD RapidNet Cassette

Front view of 6 Port MTP VHD Cassette

Product Description
The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 288 fibres in a single U of rack space. The VHD cassette presents six 12 core MTP connectors with a fan out of six 12 core MTP's at the other end.

Technical Description
The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00159	RNFT672-MCMDM3-10.0M	OM3 Multimode	27	102	130	10 m	6
860-00160	RNFT672-MCMDM4-10.0M	OM4 Multimode	27	102	130	10 m	6
860-00158	RNFT672-MCMDS1-10.0M	OS1 Single Mode	27	102	130	10 m	6

All dimensions in mm. Subject to technical changes.

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RapidNet MTP VHD 72 Core
6 MTP Cassette to LC Fan Out

Features and Benefits

- Up to 288 fibres in 1U of Space
- High performance low loss Elite® connectors from US Conec
- 40G and 100G ready
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- LC connectors allow inter-connect with active hardware
- Pre-tested with test results supplied
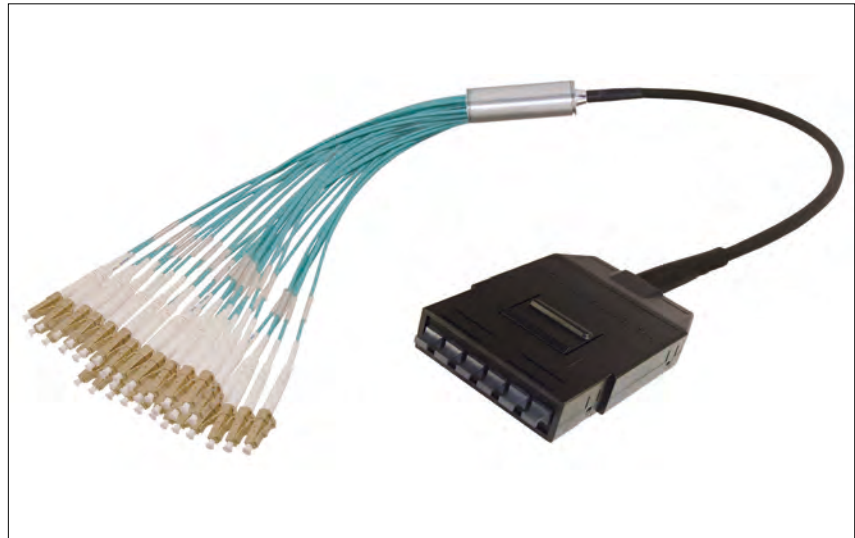
MTP Cassette to 72 LC Fan Out
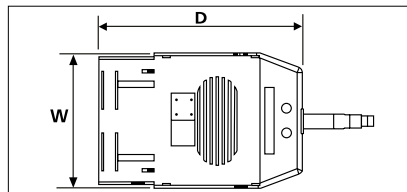
Top view of 6 Port MTP VHD RapidNet Cassette
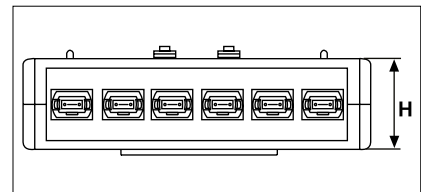
Front view of 6 Port MTP VHD Cassette

Product Description

The RapidNet MTP VHD solution has been designed to meet the demands of the data centre by providing reduced installation times, efficient use of space, flexible configurations and high performance.

RapidNet MTP VHD enables upto 288 fibres in a single U of rack space. The VHD cassette presents six 12 core MTP connectors with a fan out of 72 LC connectors at the other end.

Technical Description

The use of high performance low loss Elite® MTP connectors from US Conec as standard minimises losses across the link and provides a potential upgrade path from 10G through to 40G and 100G.

Part of the industry leading RapidNet pre-terminated system, this high density fibre solution is particularly suited for use in Storage Area Network (SAN) applications.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
860-00168	RNFT672-MCLFM3-10.0M	OM3 Multimode	27	102	130	10 m	6
860-00169	RNFT672-MCLFM4-10.0M	OM4 Multimode	27	102	130	10 m	6
860-00167	RNFT672-MCLFS1-10.0M	OS1 Single Mode	27	102	130	10 m	6

All dimensions in mm. Subject to technical changes.

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RapidNet Fibre LC 24 Core
Cassette to LC Fan Out

Features and Benefits

- Up to 96 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- LC fan out enables inter-connectivity with active hardware
- Pre-tested with test results supplied
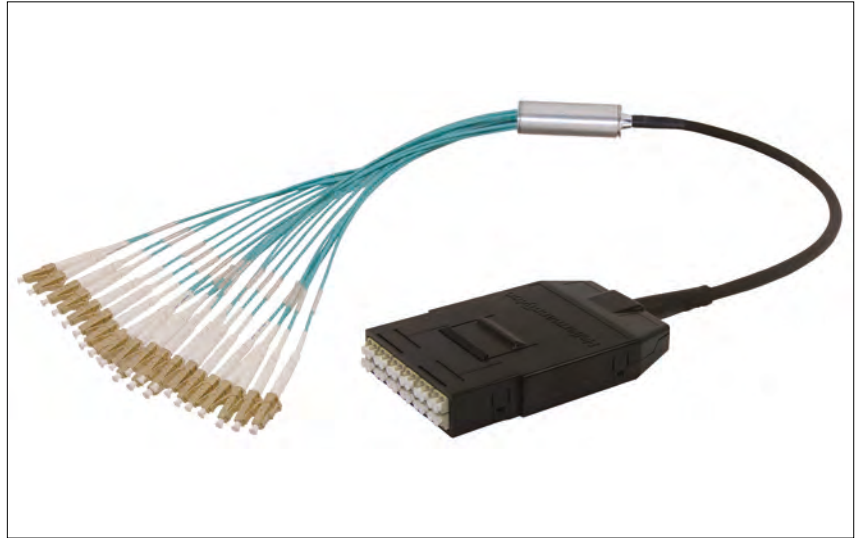
24 Port LC RapidNet Cassette to 24 LC Fan Out

Top View of the 24 port LC RapidNet Fibre Cassette

Front View of the 24 port LC RapidNet Fibre Cassette

Product Description

The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode. LC cassettes offer up to 24 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall

performance.

Technical Description

The RapidNet Fibre LC Cassette offers 24 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette. The fibre is then separated using a splitter unit with the LC fan outs presented to specified lengths.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

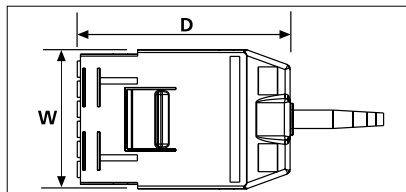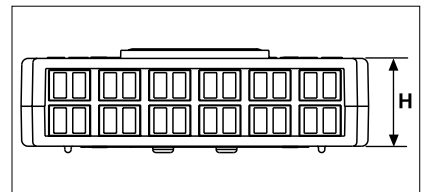| Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-20805	RNFTD24-LCLFM3-10.0M	OM3 Multimode	27	102	130	10 m	24
859-21656	RNFTD24-LCLFM4-10.0M	OM4 Multimode	27	102	130	10 m	24
859-21254	RNFTD24-LCLFS1-10.0M	OS1 Single Mode	27	102	130	10 m	24

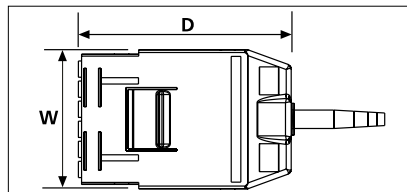All dimensions in mm. Subject to technical changes.

RapidNet Fibre LC 24 Core
Cassette to SC Fan Out
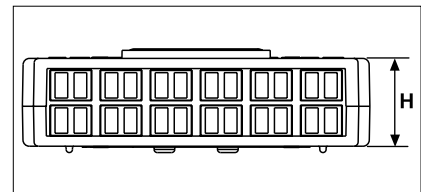
Features and Benefits

- Up to 96 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- SC fan out enables inter-connectivity with active hardware
- Pre-tested with test results supplied
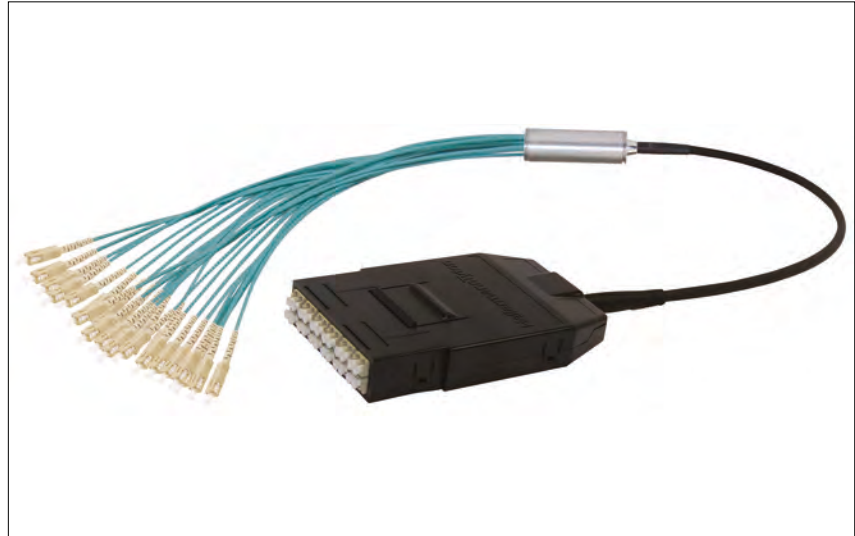
24 Core LC RapidNet Cassette to 24 SC Fan Out

Top View of the 24 port LC RapidNet Fibre Cassette

Front View of the 24 port LC RapidNet Fibre Cassette

Product Description

The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode. LC cassettes offer up to 24 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre LC Cassette offers 24 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette. The fibre is then separated using a splitter unit with the SC fan outs presented to specified lengths.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-21661	RNFTD24-LCSFM3-10.0M	OM3 Multimode	27	102	130	10 m	24
859-21662	RNFTD24-LCSFM4-10.0M	OM4 Multimode	27	102	130	10 m	24
859-21660	RNFTD24-LCSFS1-10.0M	OS1 Single Mode	27	102	130	10 m	24

All dimensions in mm. Subject to technical changes.

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RapidNet Fibre LC 12 Core
Cassette to LC Fan Out

Features and Benefits
- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- LC fan out enables inter-connectivity with active hardware
- Pre-tested with test results supplied
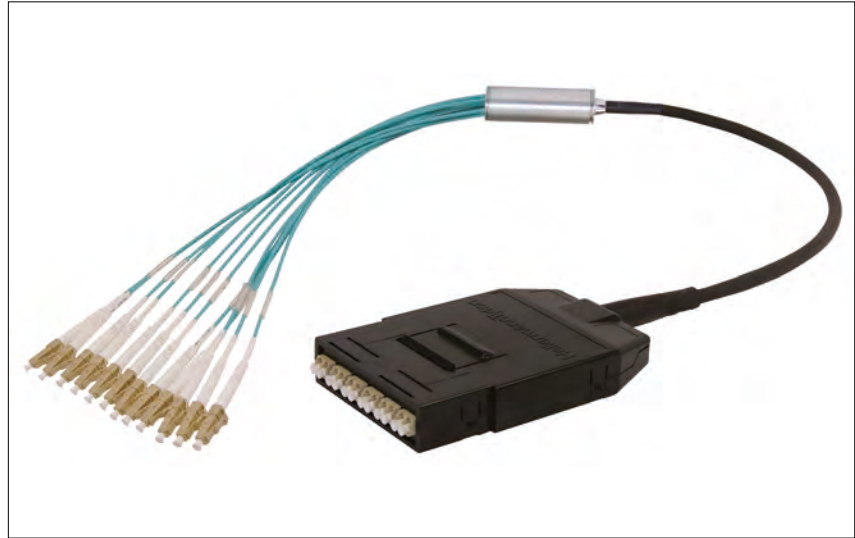
12 Core LC Cassette to LC Fan Out

Top View of the 12 port LC RapidNet Fibre Cassette

Front View of the 12 port LC RapidNet Fibre Cassette

Product Description
The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode.

Each 12 port Cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall

performance.

Technical Description
The RapidNet Fibre LC Cassette offers 12 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette. The fibre is then separated using a splitter unit with the LC fan outs presented to specified lengths.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

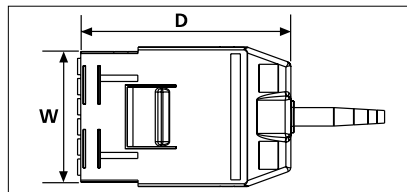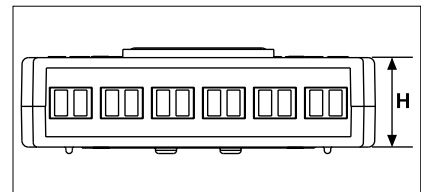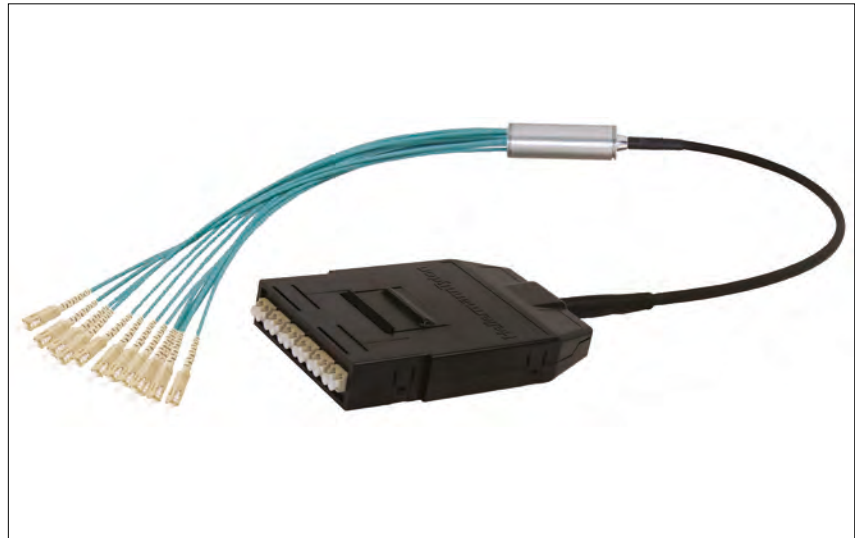| Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-20799	RNFTD12-LCLFM3-10.0M	OM3 Multimode	27	102	130	10 m	12
859-21655	RNFTD12-LCLFM4-10.0M	OM4 Multimode	27	102	130	10 m	12
859-21255	RNFTD12-LCLFS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

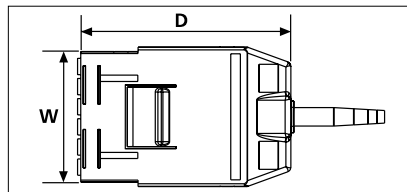All dimensions in mm. Subject to technical changes.

RapidNet Fibre LC 12 Core
Cassette to SC Fan Out
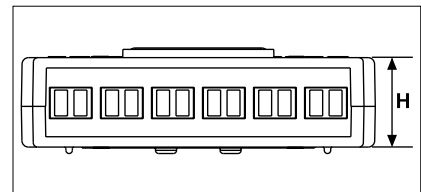
Features and Benefits
- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- SC fan out enables inter-connectivity with active hardware
- Pre-tested with test results supplied

12 Core LC Cassette to SC Fan Out

Top View of the 12 port LC RapidNet Fibre Cassette

Front View of the 12 port LC RapidNet Fibre Cassette

Product Description
The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode.

Each 12 port cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description
The RapidNet Fibre LC Cassette offers 12 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette. The fibre is then separated using a splitter unit with the SC fan outs presented to specified lengths.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

| Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-21658	RNFTD12-LCSFM3-10.0M	OM3 Multimode	27	102	130	10 m	12
859-21659	RNFTD12-LCSFM4-10.0M	OM4 Multimode	27	102	130	10 m	12
859-21657	RNFTD12-LCSFS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

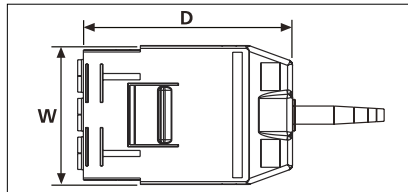All dimensions in mm. Subject to technical changes.

RapidNet Fibre SC 12 Core
Cassette to SC Fan Out
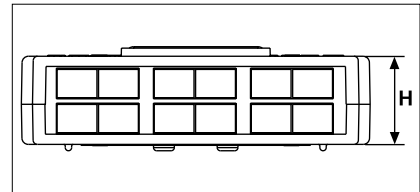
Features and Benefits
- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- SC fan out enables inter-connectivity with active hardware
- Pre-tested with test results supplied
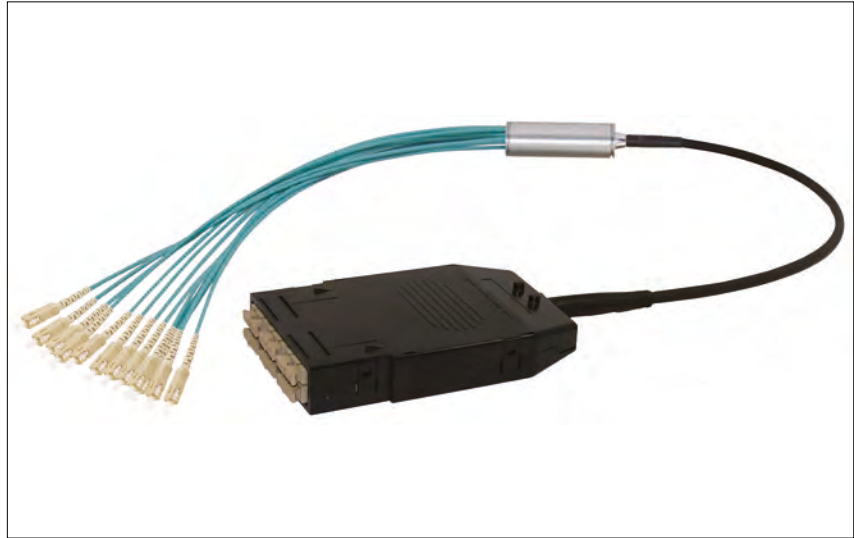
12 Core SC Cassette to SC Fan Out

Top View of the 12 port SC Duplex RapidNet Cassette

Front View of the 12 port SC Duplex RapidNet Cassette

Product Description
The RapidNet Fibre Cassette is pre-terminated offering SC connectivity in either single mode or multimode.

Each 12 port cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description
The RapidNet Fibre SC Cassette offers 12 ports (6 duplex) using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cable is secured and protected by a rubber boot on entry into the cassette. The fibre is then separated using a splitter unit with the SC fan outs presented to specified lengths.

NB. Part Number is given for a 10m loom as an example. Other lengths are available on request that meet the maximum distance performances defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14. The standard fan out breakout length is 0.5m for loom lengths between 2m to 5m and 1m for loom lengths over 5m.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Length (L)	Port count
859-21253	RNFTD12-SCSFM3-10.0M	OM3 Multimode	27	102	130	10 m	12
859-21671	RNFTD12-SCSFM4-10.0M	OM4 Multimode	27	102	130	10 m	12
859-21670	RNFTD12-SCSFS1-10.0M	OS1 Single Mode	27	102	130	10 m	12

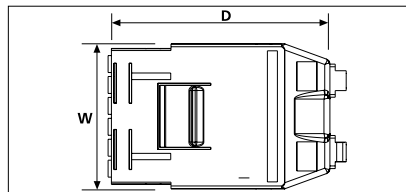All dimensions in mm. Subject to technical changes.

RadpiNet Fibre LC 24 Core
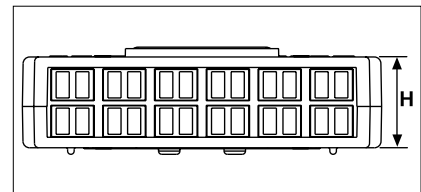### 24 Keyed Cassette to 2 Rear MTP Connectivity

Features and Benefits

- Up to 96 fibres in 1U of space
- Mechanical segregation and identification of network path or security hierarchies
- Reduced risk of accidental or malicious network access
- Keyed LC connectors will only mate with the corresponding adapter
- Standard LC connectors will not mate with keyed adpters
- 12 different mechanical and colour options
- MTP rear connectors ideal for installations in areas of limited space
- Pre-tested with test results supplied

24 Core Keyed LC RapidNet Cassette with 2 MTP Connectors on Rear

Top View of 24 Core LC Cassette with MTP Connectors on Rear

Front View of 24 Core LC Cassette with MTP Connectors on Rear

Product Description

The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer up to 24 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre Keyed LC Cassetteoffers 24 ports using pre-terminated OM4, OM3 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent out to our customers. The keyed fibre cassette has 2 MTP connectors on the rear for use with MTP back bone cables or fan outs.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard connector and adapter colour options in OS1. Other lengths and colour options, OM3, OM4 are available on request that meet the connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-22026	RNFMD24-L2MMS1-XX.XX	27	102	130	24	Pink (PK)
859-22027	RNFMD24-L3MMS1-XX.XX	27	102	130	24	Yellow (YE)
859-22028	RNFMD24-L4MMS1-XX.XX	27	102	130	24	Red (RD)
859-22029	RNFMD24-L5MMS1-XX.XX	27	102	130	24	Orange (OG)
859-22030	RNFMD24-L6MMS1-XX.XX	27	102	130	24	Grey (GY)
859-22031	RNFMD24-L7MMS1-XX.XX	27	102	130	24	Turquoise (TQ)
859-22032	RNFMD24-L8MMS1-XX.XX	27	102	130	24	Green (GN)
859-22025	RNFMD24-LHMMS1-XX.XX	27	102	130	24	Cobalt Blue (CTBU)

All dimensions in mm. Subject to technical changes.
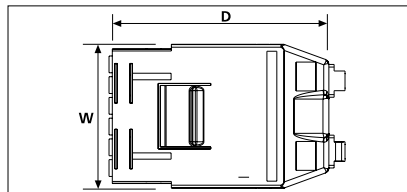
HellermannTyton

RapidNet Fibre LC 24 Core
Cassette with Rear MTP Connectivity
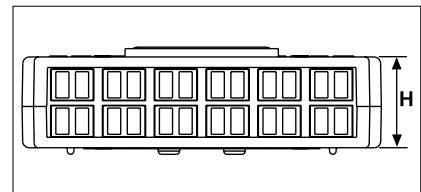
Features and Benefits
- Up to 96 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- MTP rear connectors ideal for installations in areas of limited space
- Pre-tested with test results supplied

24 Fibre LC Cassette with Two 12 Core MTP Connectors

Top View of 24 Core LC Cassette with MTP Connectors on Rear

Front View of 24 Core LC Cassette with MTP Connectors on Rear

Product Description
The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode. LC cassettes offer up to 24 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description
The RapidNet Fibre LC Cassette offers 24 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cassette has 2 MTP connectors on the rear for use with MTP back bone cables or fan outs.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Port count
859-21667	RNFMD24-LCMMM3-XX.XX	OM3 Multimode	27	102	130	24
859-21668	RNFMD24-LCMMM4-XX.XX	OM4 Multimode	27	102	130	24
859-21666	RNFMD24-LCMMS1-XX.XX	OS1 Single Mode	27	102	130	24

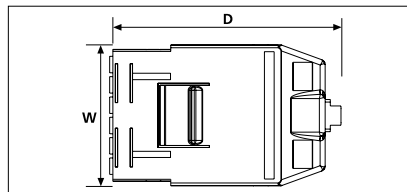All dimensions in mm. Subject to technical changes.

RapidNet Fibre LC 24 Core
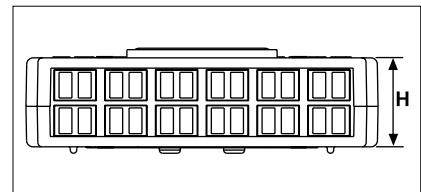### 24 Keyed Cassette to 1 Rear MTP Connectivity

Features and Benefits
- Up to 96 fibres in 1U of space
- Mechanical segregation and identification of network path or security hierarchies
- Reduced risk of accidental or malicious network access
- Keyed LC connectors will only mate with the corresponding adapter
- Standard LC connectors will not mate with keyed adpters
- 12 different mechanical and colour options
- MTP rear connector ideal for installations in areas of limited space
- Pre-tested with test results supplied

24 Core Keyed LC RapidNet Cassette with 1 MTP Connector on Rear

Top View of 24 Core LC Cassette with 1 MTP Connector

Front View of 24 Core LC Cassette with 1 MTP Connector

Product Description

The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer up to 24 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre Keyed LC Cassetteoffers 24 ports using pre-terminated OM4, OM3 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent out to our customers. The keyed fibre cassette has 1 MTP connector on the rear for use with MTP back bone cables or fan outs.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard connector and adapter colour options in OS1. Other lengths and colour options, OM3, OM4 are available on request that meet the connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-22042	RNFMD24-L21MS1-XX.XX	27	102	130	24	Pink (PK)
859-22043	RNFMD24-L31MS1-XX.XX	27	102	130	24	Yellow (YE)
859-22044	RNFMD24-L41MS1-XX.XX	27	102	130	24	Red (RD)
859-22045	RNFMD24-L51MS1-XX.XX	27	102	130	24	Orange (OG)
859-22046	RNFMD24-L61MS1-XX.XX	27	102	130	24	Grey (GY)
859-22047	RNFMD24-L71MS1-XX.XX	27	102	130	24	Turquoise (TQ)
859-22048	RNFMD24-L81MS1-XX.XX	27	102	130	24	Green (GN)
859-22041	RNFMD24-LH1MS1-XX.XX	27	102	130	24	Cobalt Blue (CTBU)

All dimensions in mm. Subject to technical changes.
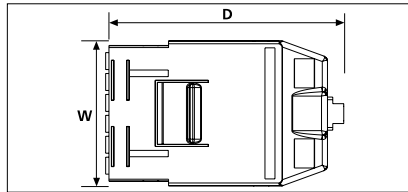
HellermannTyton

RapidNet Fibre LC 24 Core
Cassette with Rear MTP Connectivity
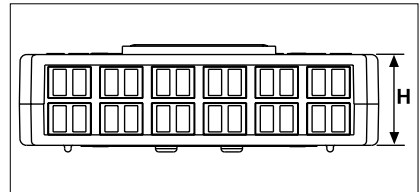
Features and Benefits

- Up to 96 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- MTP rear connector ideal for installations in areas of limited space
- Pre-tested with test results supplied

24 Fibre LC Cassette with Single 24 Core MTP Connector

Top View of 24 Core LC Cassette with 1 MTP Connector

Front View of 24 Core LC Cassette with 1 MTP Connector

Product Description

The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode. LC cassettes offer up to 24 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 96 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre LC Cassette offers 24 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cassette has a single 24 core MTP connector on the rear for use with MTP back bone cables or fan outs.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Port count
859-21681	RNFMD-24LC1MM4-XX.XX	OM4 Multimode	27	102	130	24
859-21679	RNFMD-24LC1MS1-XX.XX	OS1 Single Mode	27	102	130	24
859-21680	RNFMD24-LC1MM3-XX.XX	OM3 Multimode	27	102	130	24

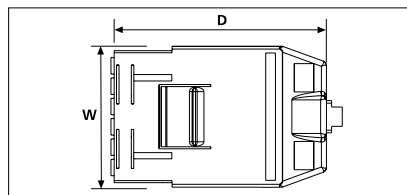All dimensions in mm. Subject to technical changes.

RapidNet Fibre LC 12 Core
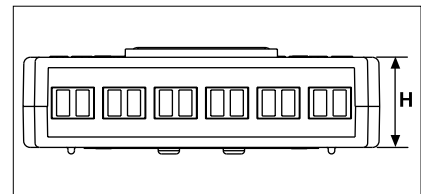### Keyed Cassette with 1 Rear MTP Connector

Features and Benefits

• Up to 48 fibres in 1U of space
• Mechanical segregation and identification of network path or security hierarchies
• Reduced risk of accidental or malicious network access
• Keyed LC connectors will only mate with the corresponding adapter
• Standard LC connectors will not mate with keyed adpters
• 12 different mechanical and colour options
• MTP rear connector ideal for installations in areas of limited space
• Pre-tested with test results supplied

12 Core Keyed LC RapidNet Cassette with 1 MTP Connector on Rear

Top View of 12 Core LC Cassette with MTP Connector on Rear

Front View of 12 Core LC Cassette with MTP Connector on Rear

Product Description

The RapidNet Fibre Keyed Cassette is pre-terminated offering LC connectivity in either single mode or multimode. Keyed LC cassettes offer up to 12 ports in one cassette.

Each cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Keyed Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminates the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre Keyed LC Cassetteoffers 12 ports using pre-terminated OM4, OM3 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent out to our customers. The keyed fibre cassette has 1 MTP connector on the rear for use with MTP back bone cables or fan outs.

Individual fibres are managed within the cassettes using positive bend radius management to ensure minimum losses and maximum performance.

NB: Part numbers given are for the 8 standard connector and adapter colour options in OS1. Other lengths and colour options, OM3, OM4 are available on request that meet the connection performance defined in ISO/IEC 11802-2, TIA/ANSI 568-C.3 and IEC 874-14.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Port count	Colour
859-22058	RNFMD24-L2MMS1-XX.XX	27	102	130	12	Pink (PK)
859-22059	RNFMD24-L3MMS1-XX.XX	27	102	130	12	Yellow (YE)
859-22060	RNFMD24-L4MMS1-XX.XX	27	102	130	12	Red (RD)
859-22061	RNFMD24-L5MMS1-XX.XX	27	102	130	12	Orange (OG)
859-22062	RNFMD24-L6MMS1-XX.XX	27	102	130	12	Grey (GY)
859-22063	RNFMD24-L7MMS1-XX.XX	27	102	130	12	Turquoise (TQ)
859-22064	RNFMD24-L8MMS1-XX.XX	27	102	130	12	Green (GN)
859-22057	RNFMD24-LHMMS1-XX.XX	27	102	130	12	Cobalt Blue (CTBU)

All dimensions in mm. Subject to technical changes.
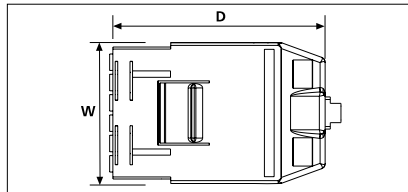
HellermannTyton

RapidNet Fibre LC 12 Core
Cassette with Rear MTP Connectivity
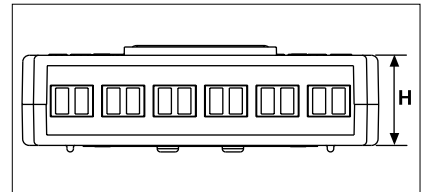
Features and Benefits
- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- MTP rear connector ideal for installations in areas of limited space
- Pre-tested with test results supplied

12 Core LC RapidNet Cassette with MTP Connector on Rear

Top View of 12 Core LC Cassette with MTP Connector on Rear

Front View of 12 Core LC Cassette with MTP Connector on Rear

Product Description

The RapidNet Fibre Cassette is pre-terminated offering LC connectivity in either single mode or multimode.

Each 12 port cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall performance.

Technical Description

The RapidNet Fibre LC Cassette offers 12 ports using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cassette has a single 12 core MTP connector on the rear for use with MTP back bone cables or fan outs.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Port count
859-21664	RNFMD12-LCMMM3-XX.XX	OM3 Multimode	27	102	130	12
859-21665	RNFMD12-LCMMM4-XX.XX	OM4 Multimode	27	102	130	12
859-21663	RNFMD12-LCMMS1-XX.XX	OS1 Single Mode	27	102	130	12

All dimensions in mm. Subject to technical changes.

HellermannTyton

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RapidNet Fibre SC 12 Core
Cassette with Rear MTP Connectivity

Features and Benefits

- Up to 48 fibres in 1U of Space
- Significantly reduced installation times
- Available in OM3, OM4 and OS1
- Dual labelling fields
- Interchangeable with other RapidNet Cassettes
- MTP rear connector ideal for installations in areas of limited space
- Pre-tested with test results supplied

12 Port SC Duplex RapidNet Cassette with MTP Connector
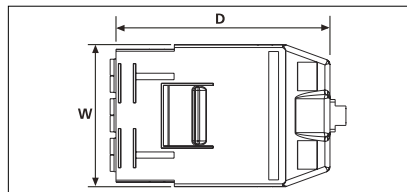
Top View of 12 Port SC Duplex Cassette
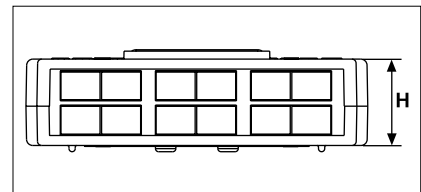
Front View of 12 Port SC Duplex Cassette

Product Description

The RapidNet Fibre Cassette is pre-terminated offering SC connectivity in either single mode or multimode.

Each 12 port cassette fits into the RapidNet Panel, which accepts 4 cassettes in 1U of space, achieving a maximum of 48 fibre ports in 1U.

RapidNet Fibre Cassettes are pre-terminated and pre-tested, installation time can be reduced by up to 95% and virtually eliminating the risk of dust and dirt affecting the connectivity and overall

performance.

Technical Description

The RapidNet Fibre SC Cassette offers 12 ports (6 duplex) using pre-terminated OM3, OM4 or OS1 fibre cable.

The fibre is pre-terminated in a clean factory environment and all terminations are pre-tested before the product is sent to our customers. The fibre cassette has a single 12 core MTP connector on the rear for use with MTP back bone cables or fan outs.

Technical Data Table

Article-No.	Type	Performance Category	Height (H)	Width (W)	Depth (D)	Port count
859-21673	RNFMD12-SCMMM3-XX.XX	OM3 Multimode	27	102	130	12
859-21674	RNFMD12-SCMMM4-XX.XX	OM4 Multimode	27	102	130	12
859-21672	RNFMD12-SCMMS1-XX.XX	OS1 Single Mode	27	102	130	12

All dimensions in mm. Subject to technical changes.

RapidNet Accessories
RapidNet 4U Distribution Chassis

Features and Benefits

- Fits into standard 19" racks and cabinets
- 4U of vertical space can accommodate up to 16 RapidNet cassettes
- Can accommodate up to 2,304 fibres per chassis or 96 copper ports
- High quality look and finish enhances the presentation of the patching area
- Hinged front and rear doors offer protection for cable to both the front (patching) and rear (backbone/trunk) of the panel
- Class leading port labelling and identification both front and rear
- Front cable management supports patch cords and helps manage bend radii, reducing the possibility of macro-bending
- Rear cable management for cables from 3 to 20mm and anchoring points to provide strain relief for cables entering the chassis
- Adjustable mounting ears allow forward or backward movement to suit the mounting post position within the rack or cabinet
- Removable doors to make initial patch cord and cable installation easier

RapidNet 4U Distribution Chassis with Front Door Open
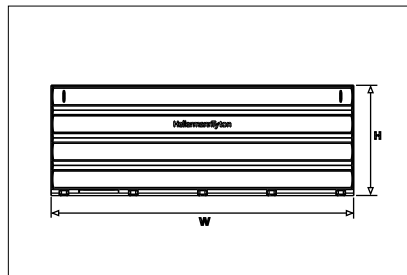
Front View of Distribution Chassis
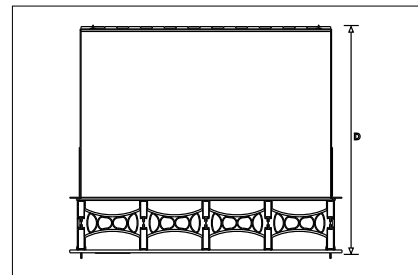
Top View of Distribution Chassis

Product Description

HellermannTyton's 4U Distribution Chassis is designed for use with the industry leading RapidNet pre-terminated system where high density patching is required together with class leading patch cord management.

The Chassis enables patch cords to be hidden from view and, with its high quality design and finish, enhances the visual presentation of a high performance data centre.

From standard density 384 fibre LC connections to high density 2,304 fibre MTP connections in each 4U of rack space, a range of different density requirements is catered for, no matter its location. The chassis can also accommodate 96 UTP copper ports.

The RapidNet Distribution Chassis has applications in the Core, Horizontal, Equipment and Intermediate zones within a data centre as well as single rack applications within SME communication rooms.

Technical Description

Combining the patching area with the front cable management into a single self-contained 1U of rack space saves valuable room within the racks or cabinets which in turn allows for higher density patching or for installing more active equipment within the same cabinet. This can be particularly valuable in applications such as Storage Area Networks and high density Virtualised Server Clusters.

The Distribution Chassis is designed to help maximise the return on valuable U space whilst maintaining good access to connectors even when fully loaded, a real advantage when undertaking Moves, Adds & Changes (MACs).

Use of tabbed LC and MTP patch cords from HellermannTyton can assist with the ease of undertaking MACs in high density patching environments.

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Colour
859-30053	RNA6UXX-PD4UCN-XX.XX	176	483	401	Black (BK)

All dimensions in mm. Subject to technical changes.

RapidNet Accessories
6 Port Copper/Fibre Cassette Panel
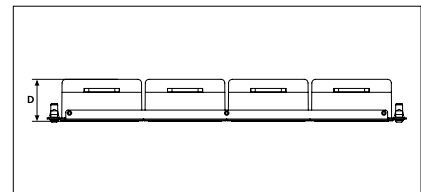
Features and Benefits
- Fits all 19" racks, frames and cabinets
- Supplied with Rack Snaps as standard or cage nuts
- Simple, easy insertion with push down clip
- Accommodates 4 Category 6, Category 5e or fibre cassettes
- Dual label fields and labelling software with Alpha Label

RapidNet Panel holds 4 Copper or Fibre Cassettes
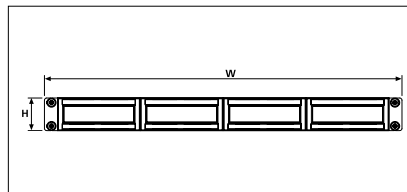
Front view of RapidNet 1U Panel

Top view of RapidNet Panel

Product Description

The RapidNet Patch Panel accommodates four Category 6 or Category 5e copper cassettes and the full range of MTP, LC and SC fibre cassettes.

The RapidNet Cassettes simply push into the panels, snapping in with a push down clip. The RapidNet panel comes with dual, magnified labelling fields.

Technical Description

The RapidNet Patch Panel frame is manufactured to the standard 19" width and is available in 1U option.

The panels are available separately and are supplied with Rack Snap (RS) as standard or with cage nuts (CN).

The panels have dual magnifying lens with customised labelling available through Alpha Label software at www.htdata.co.uk

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Colour
859-30022	RNA6UXX-PA1UCN-XX.XX	44	483	56	Black (BK)
859-30019	RNA6UXX-PA1URS-XX.XX	44.0	483.0	56.0	Black (BK)

All dimensions in mm. Subject to technical changes.
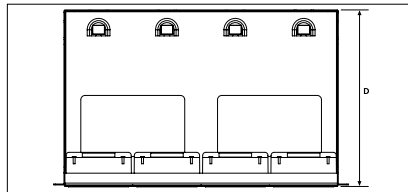
HellermannTyton **185**

RapidNet Accessories
Rear Cable Management Panel
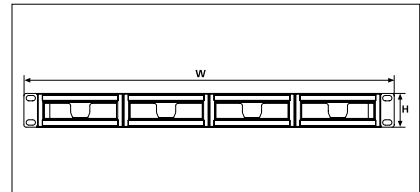
Features and Benefits
- Accommodates 4 standard RapidNet Cassettes
- Dual label fields with magnifying lenses
- Supported rear cables
- Multiple cable fixing locations
- Multiple rear entry points
- Vertical cable protection

RapidNet Rear Management Panel

Top view of Rear Management Panel

Front view of Rear Management Panel

Product Description

HellermannTyton's RapidNet Panel with rear cable management provides support and protection for MTP backbone and fibre cables within a cabinet or patching frame.

The panel can also be used with the RapidNet direct terminated fibre solution, RapidNet MTP VHD or UTP copper RapidNet Cassettes, providing additional rear cable management and enabling a 'mix and match' approach between copper and fibre.

Technical Description

A range of fixing points are provided in the rear of the panel to secure cables and provide strain relief for the MTP connectors and adapters. 25mm conduit (available as kits) then supports and protects the cables from the panel to the horizontal cable routes. Multiple rear entry points are provided for the conduit tubing to enable maximum flexibility. The panel is supplied with Rack Snaps (RS) or cage nuts (CN).

The panels have dual magnifying lens with customised labelling available through Alpha Label software at www.htdata.co.uk

Technical Data Table

Article-No.	Type	Height (H)	Width (W)	Depth (D)	Colour
859-30048	RNA6UXX-PB1UCN-XX.XX	44	483	289	Black (BK)
859-30047	RNA6UXX-PB1URS-XX.XX	44	483	289	Black (BK)

All dimensions in mm. Subject to technical changes.