

RapidNet ULTRA12 Tethered Cassette Assembly

LC, CS, SN to MTP Tail

Product Description

RapidNet ULTRA12 Tethered Cassettes are designed to facilitate transition from a single MTP connector into small form factor (SFF) or very small form factor (VSFF) connectivity patching array.

Cassettes are factory terminated and tested offering best in class ultra low loss connectivity for rapid deployment of ULTRA12 fibre systems, supporting the increasing demand on parallel optics. Tethered Cassettes offer lower insertion loss compared to typical cassette and backbone cable configurations.

The compact design allows for a ultra high density installations to be realised, maximizing critical connectivity real estate. RapidNet ULTRA12 Cassettes are designed to be compatible with future VSFF connectors such as CS and SN which will take the fibre capacity from 12 fibres (LC) to either 18 fibres (CS) or 24 fibres (SN).

Tethered cables can be produced to your required length with single or double jacket constructions.

Tethered cassettes are made with 3.0mm single jacket cables which contain Corning® SMF-28® fibres for Singlemode and ClearCurve® fibres for Multimode. Cables conform to B2ca-s1a, d1, a2 CPR EuroClass.

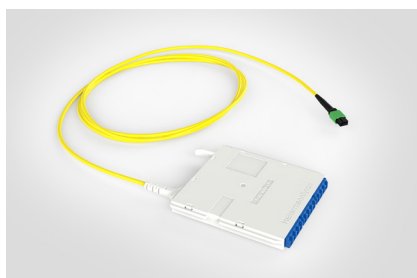
Features and Benefits:

- High fibre density: LC 12F, CS 18F, SN 24F per cassette
- Custom length mtp elite tethered cable
- Reduced insertion loss performance
- Factory terminated & tested
- Best in class ultra-low loss connectivity
- Effortless plug & play system
- Optional bare end for on-site splicing UL94 V0 compliant
- 3.0mm Single jacket or 4.5x0.5mm Double Jacket options
- Singlemode made with Corning® SMF-28® Fibres
- Multimode made with Corning® ClearCurve® Fibres
- CPR Euroclass: B2ca-s1a, d1, a2

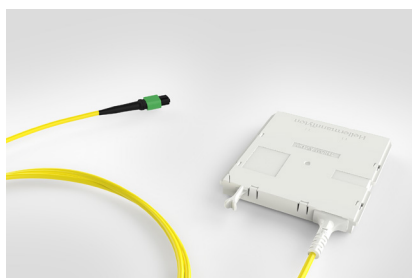
Dimensions (mm)		H	W	D
Cassette		12	94	134
Cable		Custom Length		
Capacity		LC	CS	SN
Fibres	Per Cassette	12f	18f	24f
	Per U	144f	216f	288f
Material		PC+ABS UL94 V0		
Colour		Signal White RAL 9003		

Parameter	OM4 / OM5	OM4 / OM5	OS2	OS2
	LC	MTP	LC & LC/APC	LC/APC - MTP
Insertion Loss Max (db)	0.25	0.35	0.25	0.35

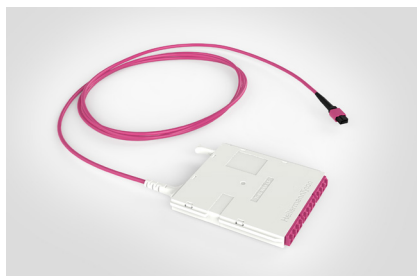
Product Images



RapidNet ULTRA12 LC/PC and 1 x MTP (front view).



RapidNet ULTRA12 LC/PC and 1 x MTP (rear view).

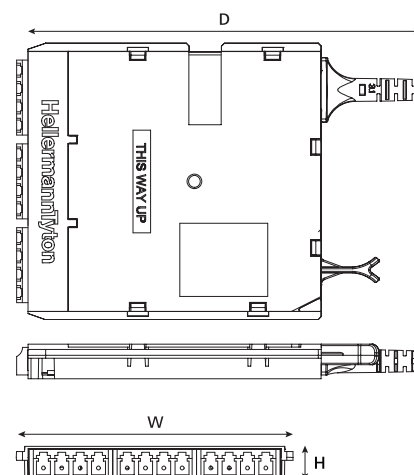


RapidNet ULTRA12 LC OM4 and 1 x MTP (front view).



RapidNet ULTRA12 LC OM4 and 1 x MTP (rear view).

Technical Diagrams



ULTRA12

RAPIDNET®
ULTRA

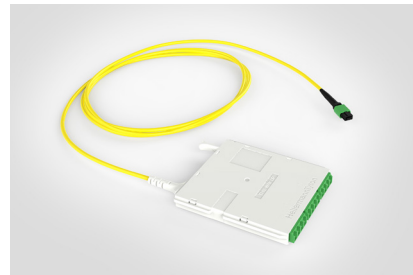
Additional Product Variants



RapidNet ULTRA12 LC OM5 and 1 x MTP (front view).



RapidNet ULTRA12 LC OM5 and 1 x MTP (rear view).



RapidNet ULTRA12 LC/APC and 1 x MTP (front view).

Ordering Information

PREFIX	CASSETTE TYPE		POLARITY		FIBRE COUNT		PERFORMANCE		FRONT ARRAY		TETHER CONNECTOR		CABLE COLOUR		LENGTH (M)
RNU	12		C		12		M4		LC		MM		M		010M
RNU	12	ULTRA12 Cassette	A	Straight	12	12 Fibre	S2	OM2 G657-A1	LC	LC / UPC	BE	Bare End	Y	Yellow (OS2)	
			B	Crossover	18	18 Fibre	M4	OM4	LP	LC / APC	MM	Elite MTP Male	M	Magenta (OM4)	
			C	Pair Swap	24	24 Fibre	M5	OM5	CS	CS / UPC	MF	Elite MTP Female	L	Lime Green (OM5)	
			U1	Universal 1			D2	OS2 Db Jacket	CP	CS / APC	NM	Pro MTP Female			
			U2	Universal 2			D4	OM4 Db Jacket	SN	SN	NF	Pro MTP Female			
							D5	OM5 Db Jacket	NP	SN / APC					

Example Product Line

Part Number	Description	UNS
RNU12-A-12S2-LCMFY010M	Polarity A - 12F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24062
RNU12-A-12S2-LPMFY010M	Polarity A - 12F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24063
RNU12-A-12M4-LCMFM010M	Polarity A - 12F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24064
RNU12-A-12M5-LCMFL010M	Polarity A - 12F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24065
RNU12-B-12S2-LCMFY010M	Polarity B - 12F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24066
RNU12-B-12S2-LPMFY010M	Polarity B - 12F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24067
RNU12-B-12M4-LCMFM010M	Polarity B - 12F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24068
RNU12-B-12M5-LCMFL010M	Polarity B - 12F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24069
RNU12-C-12S2-LCMFY010M	Polarity C - 12F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24070
RNU12-C-12S2-LPMFY010M	Polarity C - 12F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24071
RNU12-C-12M4-LCMFM010M	Polarity C - 12F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24072
RNU12-C-12M5-LCMFL010M	Polarity C - 12F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24073
RNU12-U1-12S2-LCMFY010M	Universal 1 - 12F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24074
RNU12-U1-12S2-LPMFY010M	Universal 1 - 12F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24075
RNU12-U1-12M4-LCMFM010M	Universal 1 - 12F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24076
RNU12-U1-12M5-LCMFL010M	Universal 1 - 12F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24077

Territory Availability

EMEA	✓	North America	✓	LATAM	✓	Canada	✓	APAC	✓
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Compliance

RoHS	✓	UL94 V0	✓
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