

RapidNet ULTRA12 Cassette Assembly

LC, CS, SN

Product Description

RapidNet ULTRA12 Cassettes are designed to efficiently transition MTP Backbone assemblies into small form factor (SFF) or very small form factor (VSFF) connectivity. Cassettes are factory terminated and tested offering best in class ultra low loss connectivity for rapid deployment of ULTRA12 fibre systems.

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).

RapidNet ULTRA12 Cassette assemblies are made with 250um Corning® SMF-28® fibres for Singlemode and ClearCurve® fibres for Multimode.

Features and Benefits:

- High fibre density: LC 12F, CS 18F, SN 24F per cassette
- Singlemode made with Corning® SMF-28® Fibres
- Multimode made with Corning® ClearCurve® Fibres
- Rear MTP Elite connectivity
- Factory terminated & tested
- Best in class ultra low loss connectivity
- Effortless plug & play system
- Signal White RAL 9003
- UL94 V0 compliant

Dimensions (mm)		H	W	D
		12	94	120
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		
Rear Interface		1-2 MTP Elite Male or Female		

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 OM5 with 1 x MTP (front view).



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

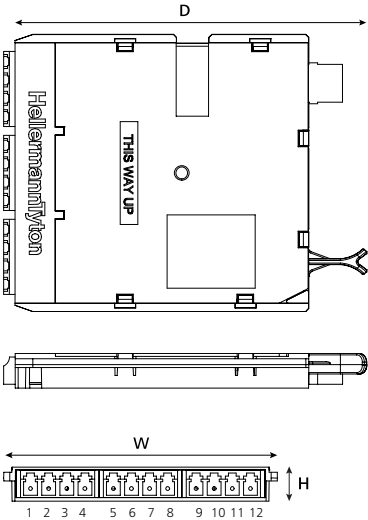


RapidNet ULTRA12 SN OM4 with 2 x MTP (front view).



RapidNet ULTRA12 SN OM4 with 2 x MTP (rear view).

Technical Diagrams



Additional Product Variants



RapidNet ULTRA12 SN OM4 with 3 x MTP (front view).



RapidNet ULTRA12 SN OM4 with 3 x MTP (rear view).



RapidNet ULTRA12 SN OM5 with 2 x MTP (front view).



RapidNet ULTRA12 CS OM4 with 1 x MTP (front view).



RapidNet ULTRA12 CS OS2 with 1 x MTP (front view).

Ordering Information

PREFIX	CASSETTE TYPE		POLARITY		FIBRE COUNT		PERFORMANCE		FRONT ARRAY		REAR MTP	
RNU	12		C		12		M4		LC		1M	
RNU	12	ULTRA12 Cassette	A	Straight	12	12 Fibre	S2	OM2 G657-A1	LC	LC / UPC	1M	1x MTP Male
			B	Crossover	18	18 Fibre	M4	OM4	LP	LC / APC	1F	1x MTP Female
			C	Pair Swap	24	24 Fibre	M5	OM5	CS	CS / UPC	2M	2x MTP Male
			U1	Universal 1					CP	CS / APC	2F	2x MTP Female
			U2	Universal 2					SN	SN	3M	3x MTP Male
									NP	SN /APC	3F	3x MTP Female

Example Product Line

Part Number	Description	UNS
RNU12-A-12S2LC1M	Cassette - Polarity A - 12F OS2 G657-A1 - LC Front Array - 1x Rear MTP/APC Elite	859-24030
RNU12-A-12S2LP1M	Cassette - Polarity A - 12F OS2 G657-A1 - LC/APC Front Array - 1x Rear MTP/APC Elite	859-24031
RNU12-A-12M4LC1M	Cassette - Polarity A - 12F OM4 - LC Front Array - 1x Rear MTP Elite	859-24032
RNU12-A-12M5LC1M	Cassette - Polarity A - 12F OM5 - LC Front Array - 1x Rear MTP Elite	859-24033
RNU12-B-12S2LC1M	Cassette - Polarity B - 12F OS2 G657-A1 LC Front Array - 1x Rear MTP/APC Elite	859-24156
RNU12-B-12S2LP1M	Cassette - Polarity B - 12F OS2 G657-A1 LC/APC Front Array - 1x Rear MTP/APC Elite	859-24157
RNU12-B-12M4LC1M	Cassette - Polarity B - 12F OM4 LC Front Array - 1x Rear MTP Elite	859-24158
RNU12-B-12M5LC1M	Cassette - Polarity B - 12F OM5 LC Front Array - 1x Rear MTP Elite	859-24159
RNU12-C-12S2LC1M	Cassette - Polarity C - 12F OS2 G657-A1 - LC Front Array - 1x Rear MTP/APC Elite	859-24038
RNU12-C-12S2LP1M	Cassette - Polarity C - 12F OS2 G657-A1 - LC/APC Front Array - 1x Rear MTP/APC Elite	859-24039
RNU12-C-12M4LC1M	Cassette - Polarity C - 12F OM4 - LC Front Array - 1x Rear MTP Elite	859-24040
RNU12-C-12M5LC1M	Cassette - Polarity C - 12F OM5 - LC Front Array - 1x Rear MTP Elite	859-24041
RNU12-U1-12S2LC1M	Cassette - Universal 1 - 12F OS2 G657-A1 - LC Front Array - 1x Rear MTP/APC Elite	859-24042
RNU12-U1-12S2LP1M	Cassette - Universal 1 - 12F OS2 G657-A1 - LC/APC Front Array - 1x Rear MTP/APC Elite	859-24043
RNU12-U1-12M4LC1M	Cassette - Universal 1 - 12F OM4 - LC Front Array - 1x Rear MTP Elite	859-24044
RNU12-U1-12M5LC1M	Cassette - Universal 1 - 12F OM5 - LC Front Array - 1x Rear MTP Elite	859-24045

Territory Availability

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

RoHS	✓	UL94 V0	✓
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