

RapidNet ULTRA8 Cassette Assembly

LC, CS, SN

Product Description

RapidNet ULTRA8 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 ULTRA8 fibre systems.

The compact design allows for ultra high density installations to be realised, maximizing critical connectivity real estate. RapidNet ULTRA8 Cassettes are designed to be compatible with future VSFF connectors such as CS and SN which will take the fibre capacity from 8 fibres (LC) to either 12 fibres (CS) or 16 fibres (SN).

RapidNet ULTRA8 Cassette assemblies are made with 250um Corning® SMF-28® fibres for Singlemode and ClearCurve® fibres for Multimode.

Features and Benefits:

- High fibre density: LC 8F, CS 12F, SN 16F 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	64.5	120
Capacity		LC	CS	SN
Fibres	Per Cassette	8f	12f	16f
	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 ULTRA8 LC OM5 with 1 x MTP (front view).



RapidNet ULTRA8 LC OM5 with 1 x MTP (rear view).

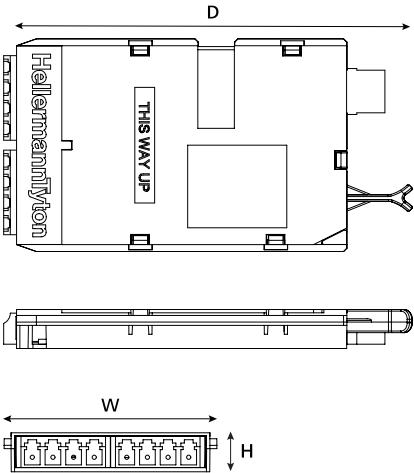


RapidNet ULTRA8 CS OS2 with 1 x MTP (front view).



RapidNet ULTRA8 CS OS2 with 1 x MTP (rear view).

Technical Diagrams



ULTRA8

Additional Product Variants



RapidNet ULTRA8 LC OM4 with 1 x MTP (front view).



RapidNet ULTRA8 SN/PC with 1 x MTP (rear view).



RapidNet ULTRA8 SN/APC with 2 x MTP (rear view).

Ordering Information

PREFIX	CASSETTE TYPE		POLARITY		FIBRE COUNT		PERFORMANCE		FRONT ARRAY		REAR MTP	
RNU	8		A		08		M4		LC		1M	
RNU	8	ULTRA8 Cassette	A	Straight	08	8 Fibre	S2	OM2 G657-A1	LC	LC	1M	1x MTP Male
			C	Pair Swap	12	12 Fibre	M4	OM4	LP	LC/APC	1F	1x MTP Female
			Q	QSFP	16	16 Fibre	M5	OM5	CS	CS	2M	2x MTP Male
			U1	Universal 1					CP	CS/APC	2F	2x MTP Female
			U2	Universal 2					SN	SN		
									NP	SN/APC		

Example Product Line

Part Number	Description	UNS
RNU8-A-08S2LC1M	RN ULTRA8 Cassette - Polarity A - 8F OS2 G657-A1 - LC Front Array - 1x Rear MTP/APC Elite	859-24014
RNU8-A-08S2LP1M	RN ULTRA8 Cassette - Polarity A - 8F OS2 G657-A1 - LC/APC Front Array - 1x Rear MTP/APC Elite	859-24015
RNU8-A-08M4LC1M	RN ULTRA8 Cassette - Polarity A - 8F OM4 - LC Front Array - 1x Rear MTP Elite	859-24016
RNU8-A-08M5LC1M	RN ULTRA8 Cassette - Polarity A - 8F OM5 - LC Front Array - 1x Rear MTP Elite	859-24017
RNU8-C-08S2LC1M	RN ULTRA8 Cassette - Polarity C - 8F OS2 G657-A1 - LC Front Array - 1x Rear MTP/APC Elite	859-24022
RNU8-C-08S2LP1M	RN ULTRA8 Cassette - Polarity C - 8F OS2 G657-A1 - LC/APC Front Array - 1x Rear MTP/APC Elite	859-24023
RNU8-C-08M4LC1M	RN ULTRA8 Cassette - Polarity C - 8F OM4 - LC Front Array - 1x Rear MTP Elite	859-24024
RNU8-C-08M5LC1M	RN ULTRA8 Cassette - Polarity C - 8F OM5 - LC Front Array - 1x Rear MTP Elite	859-24025
RNU8-Q-08S2LC1M	RN ULTRA8 Cassette - QSFP - 8F OS2 G657-A1 - LC Front Array - 1x Rear MTP/APC Elite	859-24026
RNU8-Q-08S2LP1M	RN ULTRA8 Cassette - QSFP - 8F OS2 G657-A1 - LC/APC Front Array - 1x Rear MTP/APC Elite	859-24027
RNU8-Q-08M4LC1M	RN ULTRA8 Cassette - QSFP - 8F OM4 - LC Front Array - 1x Rear MTP Elite	859-24028
RNU8-Q-08M5LC1M	RN ULTRA8 Cassette - QSFP - 8F OM5 - LC Front Array - 1x Rear MTP Elite	859-24029

Territory Availability

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

RoHS	✓	UL94 V0	✓
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