

RapidNet ULTRA8 Cassette to Cassette Assembly

Cassette Loom - LC, CS, SN

Product Description

RapidNet ULTRA8 Cassette to Cassette looms are designed to offer localised patching fields at both ends of the link. This configuration is beneficial when there isn't the immediate requirement to utilise all the ports.

Looms are factory terminated and tested offering best in class ultra low loss connectivity for rapid deployment of ULTRA8 fibre systems, supporting the increasing demand on data centres. Cassette to Cassette looms 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 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).

Looms can be produced to your required length in either single or double jacket constructions.

Cassette to Cassette looms 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 8f, CS 12f, SN 16f per cassette
- Custom length cassette to cassette loom
- Reduced insertion loss performance
- Factory terminated & tested
- Best in class ultra low loss connectivity
- Effortless plug & play system
- 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	64.5	134
Cable		Custom Length		
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		

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 OS2 (front view).



RapidNet ULTRA8 LC OS2 (rear view).

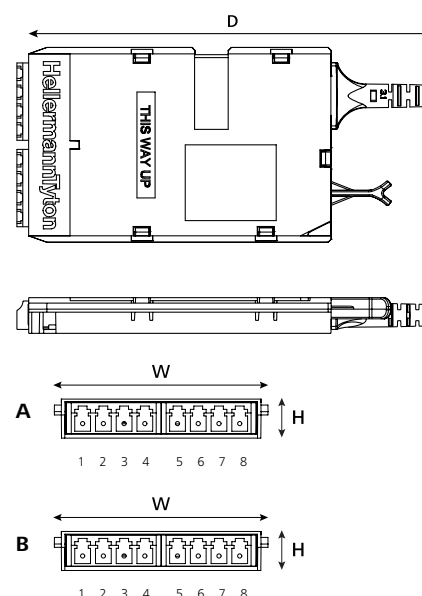


RapidNet ULTRA8 LC OM4 (front view).



RapidNet ULTRA8 LC OM4 (rear view).

Technical Diagrams



ULTRA8

Additional Product Variants



RapidNet ULTRA8 LC OM5 (front view).



RapidNet ULTRA8 LC OM5 (rear view).

Ordering Information

PREFIX	CASSETTE TYPE	POLARITY	FIBRE COUNT	PERFORMANCE	END A	END B	CABLE COLOUR	LENGTH (M)
RNU	8	- C -	8	M4	LC	LC	M	010M
RNU	8 ULTRA8 Cassette	A Straight C Pair Swap U1 Universal 1 U2 Universal 2	8 8 Fibre 12 12 Fibre 16 16 Fibre	S2 OM2 G657-A1 M4 OM4 M5 OM5 D2 OS2 Double Jacket D4 OM4 Double Jacket D5 OM5 Double Jacket	LC LC / UPC LP LC / APC CS CS / UPC CP CS / APC SN SN NP SN / APC	LC LC / UPC LP LC / APC CS CS / UPC CP CS / APC SN SN NP SN / APC	Y Yellow (OS2) M Magenta (OM4) L Lime Green (OM5)	

Example Product Line

Part Number	Description	UNS
RNU8-A-08S2LCLCY010M	Cassette to Cassette Loom - Polarity A - 8F OS2 G657-A1 - LC - LC - 10.0M	859-24086
RNU8-A-08S2LPLPY010M	Cassette to Cassette Loom - Polarity A - 8F OS2 G657-A1 - LC/APC - LC/APC - 10.0M	859-24087
RNU8-A-08M4LCLCM010M	Cassette to Cassette Loom - Polarity A - 8F OM4 - LC - LC - 10.0M	859-24088
RNU8-A-08M5LCLCL010M	Cassette to Cassette Loom - Polarity A - 8F OM5 G657-A1 - LC - LC - 10.0M	859-24089
RNU8-U1-08S2LCLCY010M	Cassette to Cassette Loom - Universal 1 - 8F OS2 G657-A1 - LC - LC - 10.0M	859-24090
RNU8-U1-08S2LPLPY010M	Cassette to Cassette Loom - Universal 1 - 8F OS2 G657-A1 - LC/APC - LC/APC - 10.0M	859-24091
RNU8-U1-08M4LCLCM010M	Cassette to Cassette Loom - Universal 1 - 8F OM4 - LC - LC - 10.0M	859-24092
RNU8-U1-08M5LCLCL010M	Cassette to Cassette Loom - Universal 1 - 8F OM5 G657-A1 - LC - LC - 10.0M	859-24093
RNU8-C-08S2LCLCY010M	Cassette to Cassette Loom - Polarity C - 8F OS2 G657-A1 - LC - LC - 10.0M	859-24094
RNU8-C-08S2LPLPY010M	Cassette to Cassette Loom - Polarity C - 8F OS2 G657-A1 - LC/APC - LC/APC - 10.0M	859-24095
RNU8-C-08M4LCLCM010M	Cassette to Cassette Loom - Polarity C - 8F OM4 - LC - LC - 10.0M	859-24096
RNU8-C-08M5LCLCL010M	Cassette to Cassette Loom - Polarity C - 8F OM5 G657-A1 - LC - LC - 10.0M	859-24097

Territory Availability

EMEA	✓	North America	✓	LATAM	✓	Canada	✓	APAC	✓
------	---	---------------	---	-------	---	--------	---	------	---

Compliance

RoHS	✓	UL94 V0	✓
------	---	---------	---