

RapidNet ULTRA12 Cassette to Cassette Assembly

Cassette Loom - LC, CS, SN

Product Description

RapidNet ULTRA12 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 ULTRA12 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 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 24fibres (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 12F, CS 18F, SN 24F 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	94	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 ULTRA12 LC OS2 (front view).



RapidNet ULTRA12 LC OS2 (rear view).

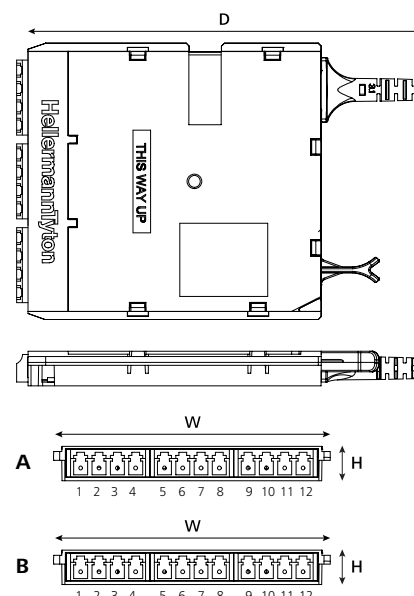


RapidNet ULTRA12 LC OM4 (front view).



RapidNet ULTRA12 LC OM4 (rear view).

Technical Diagrams



ULTRA12

Additional Product Variants



RapidNet ULTRA12 LC OM5 (front view).



RapidNet ULTRA12 LC OM5 (rear view).

Ordering Information

PREFIX	CASSETTE TYPE		POLARITY		FIBRE COUNT		PERFORMANCE		END A		END B		CABLE COLOUR		LENGTH (M)
RNU	12		-	C	-	12		M4		LC		LC		M	010M
RNU	12	ULTRA12 Cassette	A	Straight	12	12 Fibre	S2	OM2 G657-A1	LC	LC / UPC	LC	LC / UPC	Y	Yellow (OS2)	M Magenta (OM4) L Lime Green (OM5)
			B	Crossover	24	24 Fibre	M4	OM4	LP	LC / APC	LP	LC / APC	M		
			C	Pair Swap			M5	OM5	CS	CS / UPC	CS	CS / UPC	L		
			U1	Universal 1			D2	OS2 Db Jacket	CP	CS / APC	CP	CS / APC			
			U2	Universal 2			D4	OM4 Db Jacket	SN	SN	SN	SN			
							D5	OM5 Db Jacket	NP	SN / APC	NP	SN / APC			

Example Product Line

Part Number	Description	UNS
RNU12-A-12S2LCLCY010M	Cassette to Cassette Loom - Polarity A - 12F OS2 G657-A1 - LC - LC - 10.0M	859-24098
RNU12-A-12S2LPLPY010M	Cassette to Cassette Loom - Polarity A - 12F OS2 G657-A1 - LC/APC - LC/APC - 10.0M	859-24099
RNU12-A-12M4LCLCM010M	Cassette to Cassette Loom - Polarity A - 12F OM4 - LC - LC - 10.0M	859-24100
RNU12-A-12M5LCLCL010M	Cassette to Cassette Loom - Polarity A - 12F OM5 G657-A1 - LC - LC - 10.0M	859-24101
RNU12-B-12S2LCLCY010M	Cassette to Cassette Loom - Polarity B - 12F OS2 G657-A1 - LC - LC - 10.0M	859-24102
RNU12-B-12S2LPLPY010M	Cassette to Cassette Loom - Polarity B - 12F OS2 G657-A1 - LC/APC - LC/APC - 10.0M	859-24103
RNU12-B-12M4LCLCM010M	Cassette to Cassette Loom - Polarity B - 12F OM4 - LC - LC - 10.0M	859-24104
RNU12-B-12M5LCLCL010M	Cassette to Cassette Loom - Polarity B - 12F OM5 G657-A1 - LC - LC - 10.0M	859-24105
RNU12-C-12S2LCLCY010M	Cassette to Cassette Loom - Polarity C - 12F OS2 G657-A1 - LC - LC - 10.0M	859-24106
RNU12-C-12S2LPLPY010M	Cassette to Cassette Loom - Polarity C - 12F OS2 G657-A1 - LC/APC - LC/APC - 10.0M	859-24107
RNU12-C-12M4LCLCM010M	Cassette to Cassette Loom - Polarity C - 12F OM4 - LC - LC - 10.0M	859-24108
RNU12-C-12M5LCLCL010M	Cassette to Cassette Loom - Polarity C - 12F OM5 G657-A1 - LC - LC - 10.0M	859-24109

Territory Availability

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

RoHS	✓	UL94 V0	✓
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