

RapidNet ULTRA8 Tethered Cassette Assembly

LC, CS, SN to MTP Tail

Product Description

RapidNet ULTRA8 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 ULTRA8 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 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).

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.

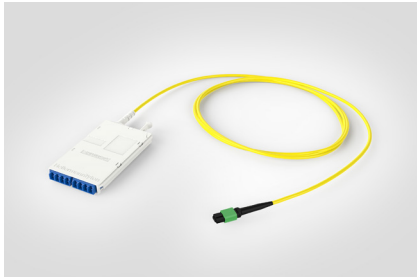
Features and Benefits:

- High fibre density: LC 8F, CS 12F, SN 16F 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

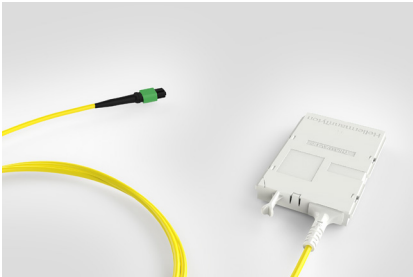
Dimensions (mm)		H	W	D
Cassette		12	64.5	134
Cable		Custom Length		
Capacity		LC	CS	SN
Fibres	Per Cassette	8f	12f	16f
	Per U	144f	216f	288f
Material		PC+ABS UL94 V0		
Colour		Signal White RAL 9003		

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

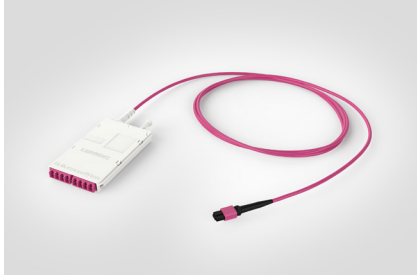
Product Images



RapidNet ULTRA8 LC/PC and 1 x MTP (front view).



RapidNet ULTRA8 LC/PC and 1 x MTP (rear view).

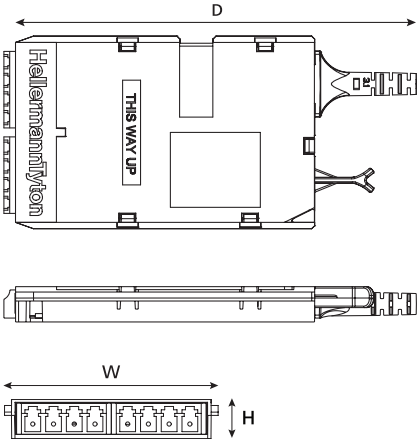


RapidNet ULTRA8 LC OM4 and 1 x MTP (front view).



RapidNet ULTRA8 LC OM4 and 1 x MTP (rear view).

Technical Diagrams



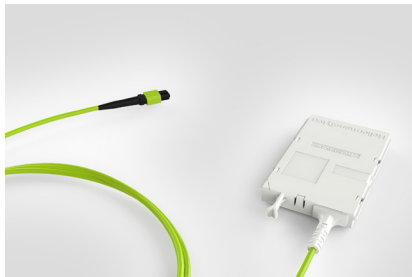
ULTRA8

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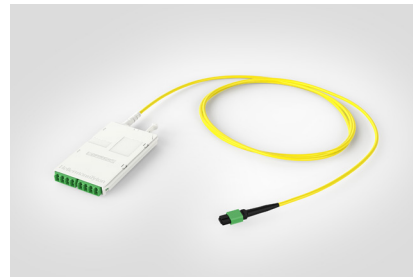
Additional Product Variants



RapidNet ULTRA8 LC OM5 and 1 x MTP (front view).



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



RapidNet ULTRA8 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	8		C		12	M4		LC		MM		M		010M
RNU	8	ULTRA8 Cassette	A	Straight	08 8 Fibre	S2 OM2 G657-A1		LC LC / UPC		BE Bare End		Y Yellow (OS2)		
			C	Pair Swap	12 12 Fibre	M4 OM4		LP LC / APC		MM Elite MTP Male		M Magenta (OM4)		
			Q	QSFP	16 16 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
RNU8-A-08S2LCMFY010M	Polarity A - 8F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24046
RNU8-A-08S2LPMFY010M	Polarity A - 8F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24047
RNU8-A-08M4LCMFM010M	Polarity A - 8F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24048
RNU8-A-08M5LCMFL010M	Polarity A - 8F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24049
RNU8-U1-08S2LCMFY010M	Universal 1 - 8F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24050
RNU8-U1-08S2LPMFY010M	Universal 1 - 8F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24051
RNU8-U1-08M4LCMFM010M	Universal 1 - 8F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24052
RNU8-U1-08M5LCMFL010M	Universal 1 - 8F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24053
RNU8-C-08S2LCMFY010M	Polarity C - 8F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24054
RNU8-C-08S2LPMFY010M	Polarity C - 8F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24055
RNU8-C-08M4LCMFM010M	Polarity C - 8F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24056
RNU8-C-08M5LCMFL010M	Polarity C - 8F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24057
RNU8-Q-08S2LCMFY010M	QSFP - 8F OS2 G657-A1 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24058
RNU8-Q-08S2LPMFY010M	QSFP - 8F OS2 G657-A1 - LC/APC Front Array - 1x Elite MTP Female 10.0m Tail	859-24059
RNU8-Q-08M4LCMFM010M	QSFP - 8F OM4 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24060
RNU8-Q-08M5LCMFL010M	QSFP - 8F OM5 - LC Front Array - 1x Elite MTP Female 10.0m Tail	859-24061

Territory Availability

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

RoHS	✓	UL94 V0	✓
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