



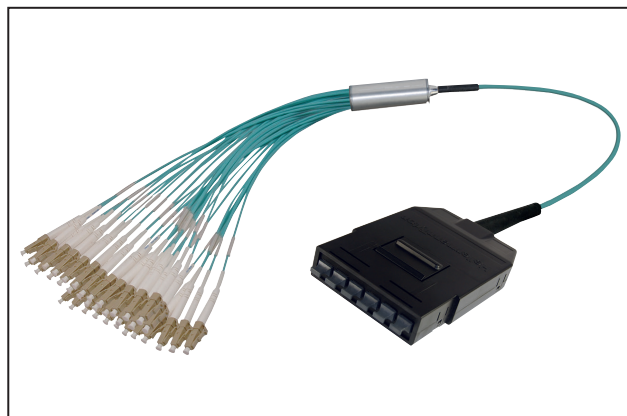
RapidNet Fibre MTP 72 Core

MTP Cassette to LC Fan Out

Application/Product Description

The HellermannTyton RapidNet VHD MTP Fibre Cassette to LC Fan Out is pre-terminated offering MTP connectivity in either OM4, OM3 (multimode) or OS2 (single mode). The cassette offers 6 MTP connectors in a cassette with 72 LC connectors at the fan out end.

The multimode solution is designed and tested to support 10Base-T (Ethernet), 100Base-T (Fast Ethernet), 1000Base-T (Gigabit Ethernet) network. The single mode solution is designed and tested to support telecom, datacom networks and for use in high speed metropolitan and access networks.



RapidNet Fibre LC 12 Core Cassette to LC Fan Out

Cable and Cassette Standards

Cable

- ISO 11801:2002 (inc. Amend. A1 & A2)
- BS EN 50173-1:2002
- IEC 60794-1
- ITU-T G.652D (OS2)
- IEC 60793-2-10 A1a.2 & A1a.3
- IEC 60793-2-50 B1.3

Cable Sheath

- IEC 60332-1
- IEC 60754-2
- IEC 61034

Cassette

- ISO 11801:2002 (inc. Amend. A1 & A2)
- BS EN 50173
- ANSI/TIA/EIA 568-C.3

Cassette Specification

No. of Fibres/1U	288		
No. Connectors/Cassette	6 MTP		
No. of Fibres/ Connector	12		
No. of Fibres/ Cassette	72		
Fibre Type	OM4 / OM3	OS2	
Cassette Connector Insertion Loss (dB)	≤0.35	≤0.35	
Cassette Connector Return Loss (dB)	≤20	≤60	

Cassette Materials			
Cassette Cover	Polycarbonate ABS		
Colour	Black		
Dimensions (mm)	H	W	D
	27.0	102.0	130.0

Fan Out Specification

Fibre Type	OM4 / OM3		OS2
No. of Connectors	72 LC		
Connector Insertion Loss (dB)	≤0.3		
Connector Return Loss (dB)	≤25		≤50
Mating Durability	<0.1dB typical change, 500 mating's		
Test Wavelength (nm)	850/1300	850/1300	1310/1550

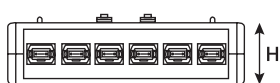


Cable Specification

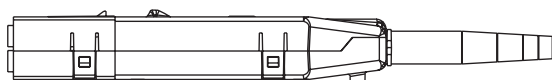
Fibre Type	OM4	OM3	OS2
Fibre Count	72		
Jacket Materials	LSOH		
Cable Colour	Magenta	Aquamarine	Yellow
Outer Diameter (mm)	5.5		
Temperature	Operation	-10 to +50	
Range	Storage	-20 to +60	

Technical Diagrams

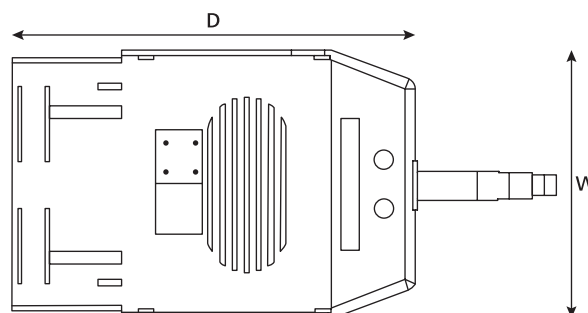
72 Core 6 MTP to 72 LC Fan Out



Front view



Side view



Top view