



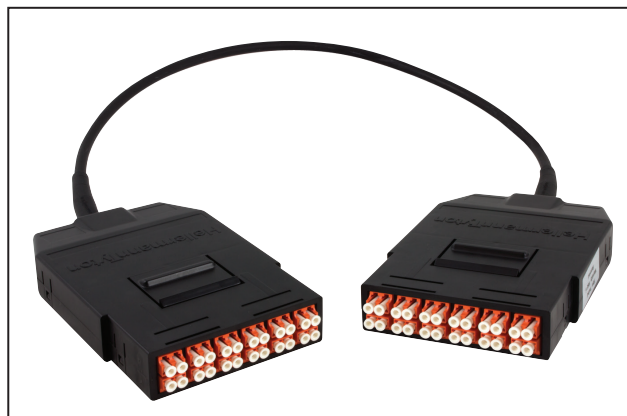
RapidNet Fibre 12 and 24 Core

Keyed Cassette to Keyed Cassette

Application/Product Description

The HellermannTyton Rapidnet Fibre Keyed LC Cassette to LC Cassette is pre-terminated offering both LC connectivity in either OM4, OM3 (multimode) or OS2 (singlemode). Each cassette offers up to 24 LC ports in a cassette.

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



RapidNet Fibre LC 24 Core Cassette to Cassette

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



RapidNet Fibre LC 12 Core Cassette to Cassette

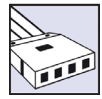
Cassette Specification

Fibre Type		OM4	OM3	OS2
Connector Type		LC		
No. of Fibres/1U	Max	96	96	96
	Min	48	48	48
No. of Fibres/ Cassette	Max	24	24	24
	Min	12	12	12
Connector Insertion Loss (dB)		≤0.4	≤0.4	≤0.3dB
Connector Return Loss (dB)		≥25	≥25	≥50dB
Mating Durability		<0.1dB typical change, 500 mating's		
Test Wavelength (nm)		850/1300	850/1300	1310/1550

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

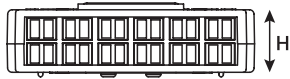
Cable Specification

Fibre Type		OM4		OM3		OS2	
Fibre Count		24	12	24	12	24	12
Jacket Materials		LSOH					
Cable Colour		Black					
Outer Diameter (mm)		9.8	6.7	9.8	6.7	9.8	6.7
Temperature Range	Operation	-25 to +70					
	Storage	-40 to +75					

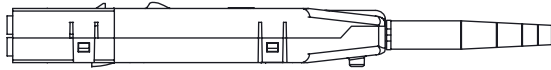


Technical Diagrams

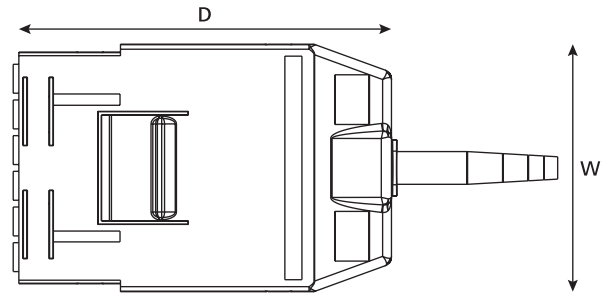
24 Core LC Cassette



Front view



Side view

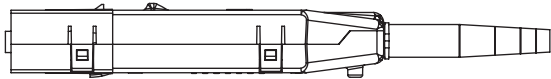


Top view

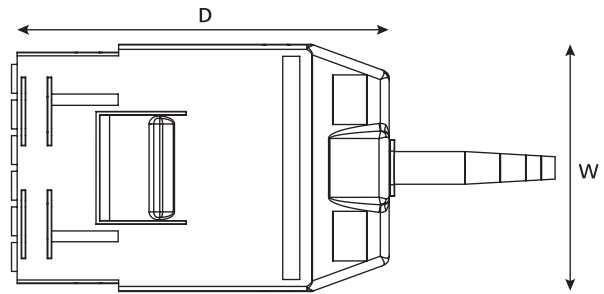
12 Core LC Cassette



Front view



Side view



Top view