



RapidNet Fibre 24 Core

Cassette to 1 MTP Connector

Application/Product Description

The HellermannTyton RapidNet LC Cassette with rear MTP Connectivity is pre-terminated offering LC connectivity in either OM4, OM3 (multimode) or OS2 (single mode). The cassette offers 24 LC connectors with 1 rear MTP connector.

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



24 Core LC Multimode Cassette with 1 MTP Connectors

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

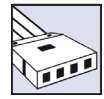
- ISO 11801:2002 (inc. Amend. A1 & A2)
- BS EN 50173
- ANSI/TIA/EIA 568-C.3



24 Core LC Single Mode Cassette with 1 MTP Connectors

Cassette Specification

No. MTP Connectors/Cassette	1		
No. of Fibres/1U	96		
No. of Fibres/ MTP Connector	24		
No. of Fibres/ Cassette	24		
Fibre Type	OM4 / OM3		OS2
MTP Connector Insertion Loss (dB)	≤0.35		≤0.5
MTP Connector Return Loss (dB)	≤20		≤60
No. of LC Connectors	24		
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		1310/1550
Cassette Materials			
Cassette Cover	Polycarbonate ABS		
Colour	Black		
Dimensions (mm)	H	W	D
	27.0	102.0	130.0



Technical Diagrams

24 Core LC Cassette with 2 Rear MTP Connectivity

