



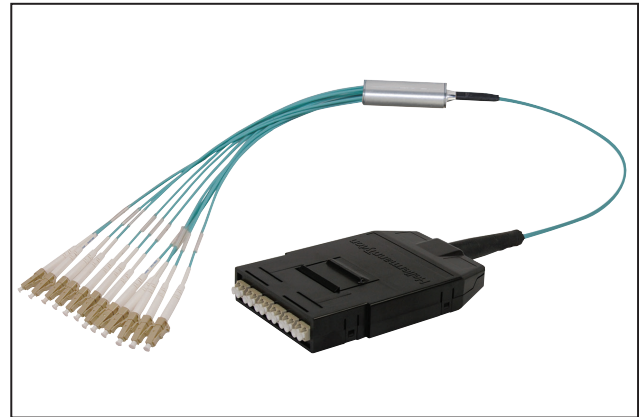
RapidNet Fibre 12 Core

Cassette to Fan Out

Application/Product Description

The HellermannTyton RapidNet 12 Core Fibre Cassette to Fan Out is pre-terminated offering connectivity in either OM4, OM3 (multimode) or OS2 (single mode). The cassette offers 12 LC or SC connectors in a cassette with 12 LC or SC 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) networks. 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

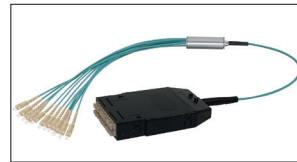
- ISO 11801:2002 (inc. Amend. A1 & A2)
- BS EN 50173-1:2002
- IEC 60794-1
- ITU-T G.652D (OS2)
- IEC 60793-2-10 A1a.2 & A1a.3
- IEC 60793-2-50 B1.3

Cable Sheath

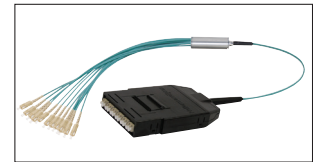
- IEC 60332-1
- IEC 60754-2
- IEC 61034

Cassette

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



RapidNet Fibre SC 12 Core Cassette to SC Fan Out



RapidNet Fibre LC 12 Core Cassette to SC Fan Out

Cassette Specification

No. of Fibres/1U	96			
Port Count Cassette	12			
No. of Fibres/ Cassette	12			
Cable Type	OM4 / OM3		OS2	
Cassette Connector Type	LC	SC	LC	SC
Cassette Connector Insertion Loss (dB)	≤0.30	≤0.3	≤0.30	≤0.3
Cassette Connector Return Loss (dB)	≤25	≤50	≤50	≤50

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

Fan Out Specification

Cable Type	OM4	OM3	OS2
No. of LC Connectors	12		
	LC	SC	LC SC
Connector Insertion Loss (dB)	≤0.3		≤0.3
Connector Return Loss (dB)	≤25	≤50	≤50
Mating Durability	<0.1dB typical change, 500 mating's		
Test Wavelength (nm)	850/1300	850/1300	1310/1550

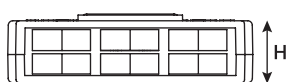


Cable Specification

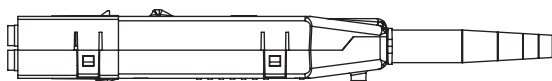
Fibre Type	OM4	OM3	OS2
Fibre Count	12		
Jacket Materials	LSOH		
Cable Colour	Magenta	Aquamarine	Yellow
Outer Diameter	3.0	3.0	3.0
Temperature Range	Operation	+5 to +40	
	Installation	-20 to +50	
	Storage	-40 to +60	

Technical Diagrams

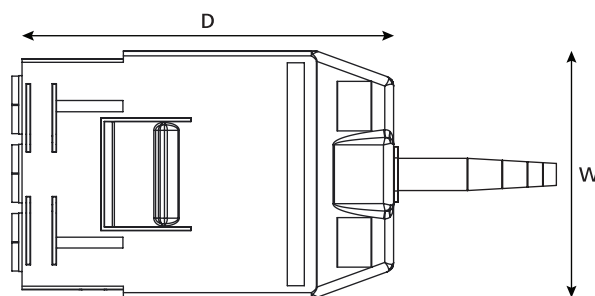
SC 12 Core Cassette



Front view



Side view

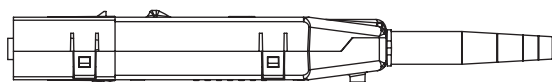


Top view

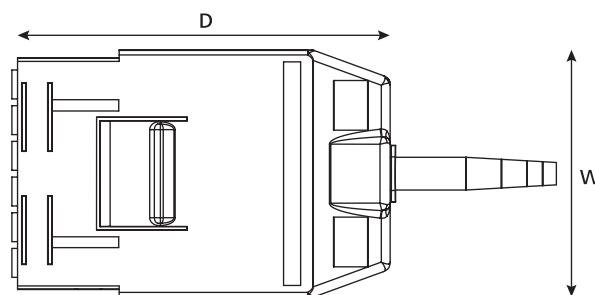
LC 12 Core Cassette



Front view



Side view



Top view