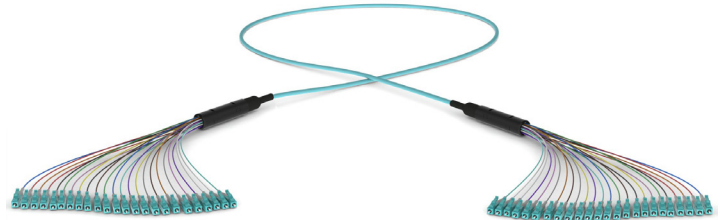


Multifibre micro cable assemblies with 900µm tails

- Available in OM1, OM2, OM3, OM4 and G.652D (OS1/OS2), G.657A1 fibre types
- 12 and 24 cores standard (high core counts up to 144 fibres available)
- 900µm tail staggered
- LSZH, OFNP, OFNR cable jacket
- Available with all standard connectivity
- Factory terminated and tested



Overview

The micro cable assembly features a compact size of micro cable providing a flexible though ruggedized product with the improved optical performance of the Micro Cable structure. 900µm tails are ideal for applications inside patch panels, ODFs or wall boxes where they improve fibre management.

Benefits

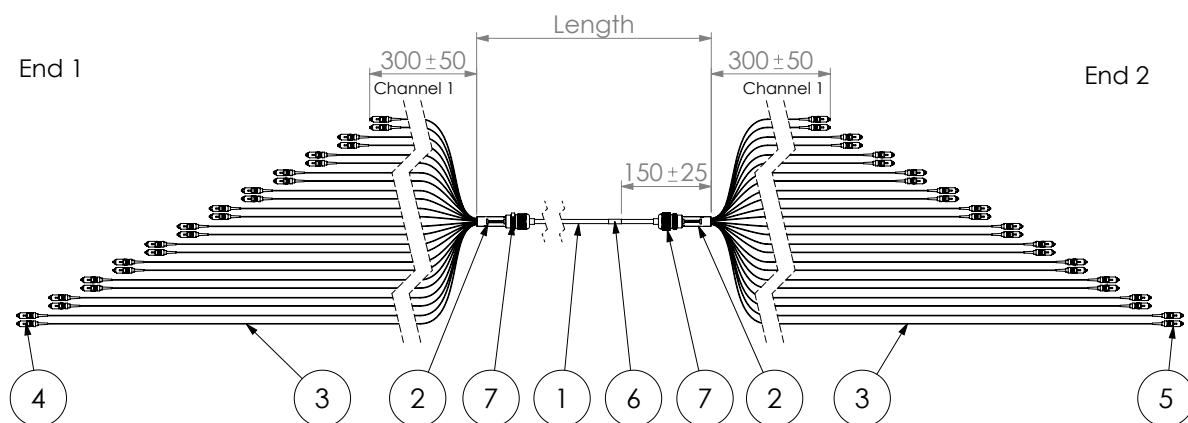
- Compact, flexible micro cable
- Improved optical performance of loose tube structure
- Secure breakout module
- Reduced weight and carriage costs

Applications

- Internal short optical links
- Data centre infrastructure
- Storage Area Network (SAN)

Standard compliance

- TIA/EIA-568-C.3 and ISO/IEC 11801
- ISO/IEC 60793 and ISO/IEC 60794
- ISO/IEC 61753, IEC 61754 and IEC 61755
- ISO/IEC 60332-1, IEC 61034-1/2 and IEC 61754-1/2
- Compliant to Directive 2002/95/EC (RoHS) and REACH SvHC



Key

- | | |
|--|-------------------------------------|
| 1 4.5mm Double Jacketed Micro Cable | 4 900µm Connector Assembly End 1 |
| 2 Ø15mm Breakout Module | 5 900µm Connector Assembly End 2 |
| 3 900µm Solid Coloured Oversleeve Tubing | 6 Serial Number Label (Wrap Around) |
| | 7 PG13.5 Gland |

Multifibre micro cable assemblies with 900µm tails

Specifications

Fibre grade	G.652D (OS1/OS2), OM1, OM2, OM3, OM4 (ISO/IEC 60793)
Cable specification	Microcable- 12, 24 cores (ISO/IEC 60794) MAX OD: MAX OD 12 cores 4.5 ± 0.3, / Max OD 24 cores Flat 4.5 x 7.4 ± 0.3mm Jacket material: LSZH, OFNP, OFNR Jacket colour: OS1/OS2 (Yellow), OM1/OM2 (Orange), OM3 (Aqua), OM4 (Aqua/Erika Violet)
Connectors	LC, (IEC 61754-20), SC (IEC 61754-14), FC (IEC 61754-13), ST (IEC 61754-2)
Packaging	Length ≤100mtr: HD bag Length >100mtr: drum
Operating temperature	-20 ~ +60°C
Storage temperature	-40 ~ +70°C

Cable performance

Fibre type (ISO/IEC 11801)	OS1/OS2	OM1	OM2	OM3	OM4
	≤ 0.38 Max (1310nm) ≤ 0.25 Max (1550nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1330nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm)	≤ 3.5 Max (850nm) ≤ 1.5 Max (1300nm)
Attenuation coefficient [db/km]	≤ 0.34 Typ (1310nm) ≤ 0.19 Typ (1550nm)	≤ 2.9 Typ (850nm) ≤ 1.2 (1300nm)	≤ 2.7 Typ (850nm) ≤ 0.9 Typ (1330nm)	≤ 2.7 Typ (850nm) ≤ 0.9 Typ (1300nm)	≤ 2.7 Typ (850nm) ≤ 0.9 Typ (1300nm)
Minimum bandwidth: Overfilled launch [Mzh-km]	NA	≥ 200 (850nm) ≥ 500 (1300nm)	≥ 500 (850nm) ≥ 500 (1300nm)	≥ 1500 (850nm) ≥ 500 (1300nm)	≥ 3500 (850nm) ≥ 500 (1300nm)
Minimum bandwidth: Laser effective modal bandwidth [Mzh-km]	NA	NA	NA	≥ 2000 (850nm)	≥ 4700 (850nm)

Connector performance

Connector mating	IL Average standard	IL MAX standard	IL Average premium	IL MAX premium	Return loss
Multimode	0.15 dB	0.30 dB	0.08 dB	0.15 dB	NA
Singlemode	0.18 dB	0.30 dB	0.12 dB	0.15 dB	>55/65 dB (UPC/APC)

Ordering information

Part number generator

PRE															
Fibre Count	Connector END A				Connector END B*				Fibre Type		Cable Construction		Cable length (m)	Jacket Type	
12	LC	LC	FC	FC	LC	LC	FC	FC	OS1/OS2	9	Micro Cable 900µm tails	M9C	XX	LSZH	-
24	LC/APC	LCA	FC/APC	FCA	LC/APC	LCA	FC/APC	FCA	OM1	62				PL	OFNP
48	SC	SC	E2000	E2	SC	SC	E2000	E2	OM2	50				RI	OFNR
72	SC/APC	SCA	E2000/APC	E2A	SC/APC	SCA	E2000/APC	E2A	OM3	OM3					
96	ST	ST			ST	ST			OM4	OM4					
144									G.657/A1	A1					

* If end B differ from end A

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