

DSTM Pre-Terminated Optical Microcable



In addition to the time and cost-saving advantages of all INTEL DAT pre-terminated cables, these DSTM microcables, which are suitable for both outdoor installations and indoor distribution, have a smaller diameter than many other cables – only 3.5 mm – which allows space saving in the ducts and racks.

In microcables, the individual fibers are only in the primary protection, and they are secured by a fan-out as they pass from the cable. Before connecting, a protective 2.0 mm Kevlar tube is placed on each fiber, to provide the mechanical strength, which makes it possible to use these pre-terminated microcables repeatedly, for use as multi-patch cords for direct connection to active elements.

Features

- 4 to 24 fiber design microcables with fibers in primary protection
- Available in MM OM1, OM2, OM3, OM4, OM5 and SM OS2 G.657.A1 fiber types
- Available with SC, LC, FC, ST and E2000 connectors
- LSZH, OFNR, UV-resistant cable
- Easy and quick installation

Applications

- Horizontal and vertical distribution
- Connections between buildings
- Interconnection between racks within buildings
- Data centers, SAN distribution
- Laying in cable trays and ducts

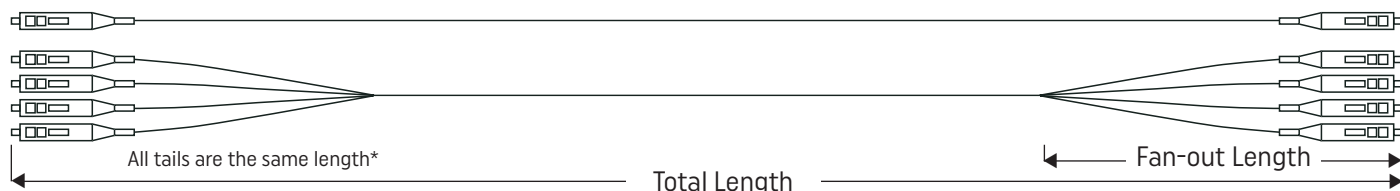
Specifications

LC, SC, FC, ST, E2000	SM APC	SM PC	MM PC
Insertion loss (IL) typ.	0.15 dB	0.20 dB	0.25 dB
Insertion loss (IL) max	0.30 dB	0.30 dB	0.35 dB
Return loss (RL)	> 65 dB	> 55 dB	> 30 dB
Mating cycles	min 500 cycles		
Assembly	gluing and polishing		
Cable type	Mikrocable, fibers in primary protection have 200 µm nebo 245 µm		
Cable operational temperature range	-20 to +70 °C		
Temperature cycling	-25 to +70 C, 12 cycles		
Ferrule material	ceramic zirconia		
Connector material	PBT/UL 94-V0		

Cable Protection & Pulling

Cable fan-out ends and connectors are protected with a plastic braid. This plastic braid can be terminated by a simple eye, which facilitates manipulation of the cable. For longer and heavier routes, the cable can be equipped with a steel cable with a pulling eye. In order to facilitate attachment to a switchboard, a cable gland can be placed at the end of the cable.

Measurements



ORDERING CODES

DSTM: Pre-Terminated Optical Microcable

DS	TM	✓	-	✓	/	✓	-	???	-	??	-	??	/	??	
															Fiber type
		S2													OS2 SM 09/125 μm
		M1													OM1 MM 62.5/125 μm
		M2													OM2 MM 50/125 μm
		M3													OM3 MM 50/125 μm
		M4													OM4 MM 50/125 μm
		M5													OM5 MM 50/125 μm
															Connector A / Connector B
				E2A		E2A									E2000/APC
				ST		ST									ST/PC
				FC		FC									FC/PC
				FCA		FCA									FC/APC
				LC		LC									LC/PC
				LCA		LCA									LC/APC
				SC		SC									SC/PC
				SCA		SCA									SC/APC
								90.0							Cable length (m)
									24						Fibers (4-24)
										0.5		0.5			Length of Fan-out Tails A / B (m)
Příklad															
DS	T2	S2	-	SC	/	SC	-	90.0	-	24	-	0.5	/	0.5	INTELDAT pre-terminated microcable, 09/125 SM fibers, SC/PC to SC/PC connectors, 90 m length, 24 fibers, 0.5 m tail lengths
*Special configurations can be provided assembled in accordance with your requirements															