DST3 Universal Pre-Terminated Indoor Cable

These pre-terminated cables are suitable for indoor distribution, and have the advantage of eliminating the need for splicing and testing of the fiber during installation. Cable diameters are from 7-11 mm, depending on the fiber count. The passage between the cable and its individual fibers is secured by a fan-out.

In distribution cables, The individual fibers of these cables are in a tight secondary buffer. Before connecting, a protective Kevlar tube of 3.0 mm diameter is placed on each fiber, providing the with necessary mechanical strength to use these pre-terminated cables as multi-patch cords, for repeated direct connection to active elements.
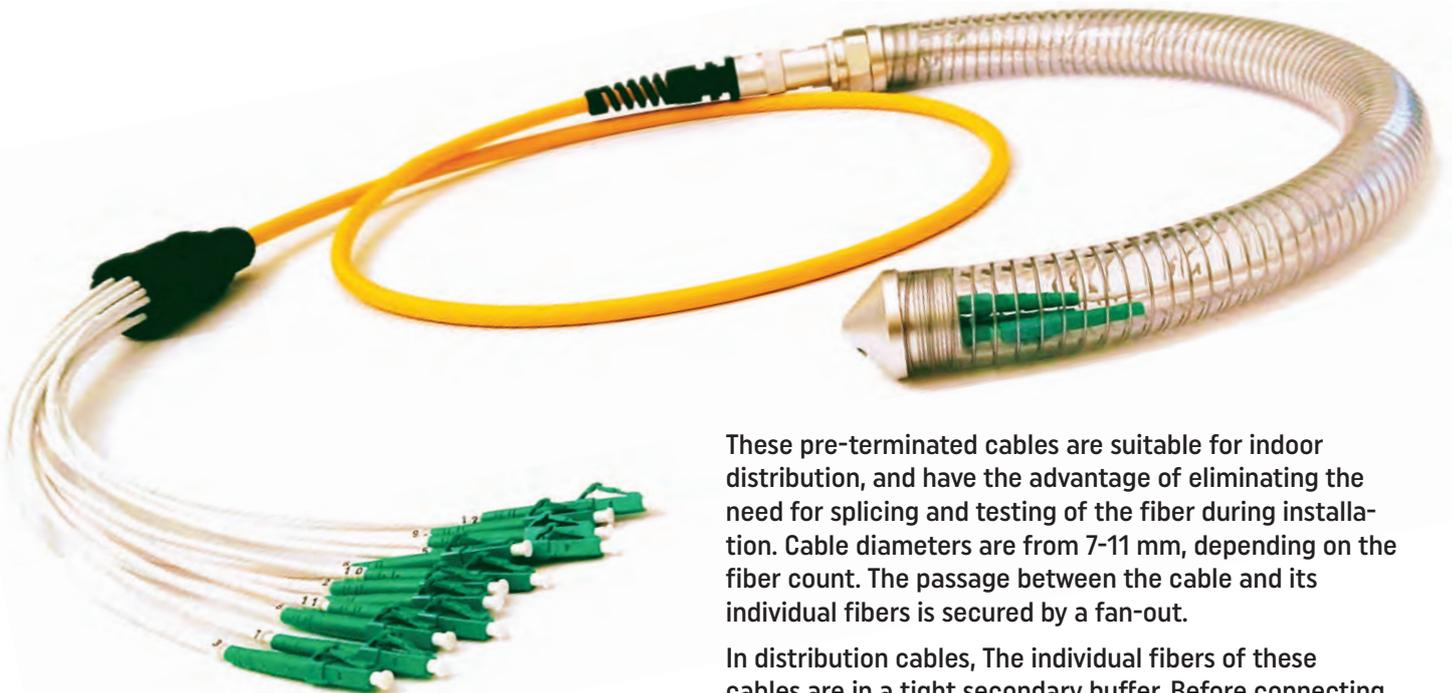
Features

- Optical fibers MM OM1, OM2, OM3, OM4, OM5 and SM OS2 G.657.A1
- Termination with SC, LC, FC, ST and E2000 connectors
- LSZH, OFNR cable for indoor use
- 4 to 24 fiber design
- 3.0 mm diameter patching cable
- Easy and quick installation

Applications

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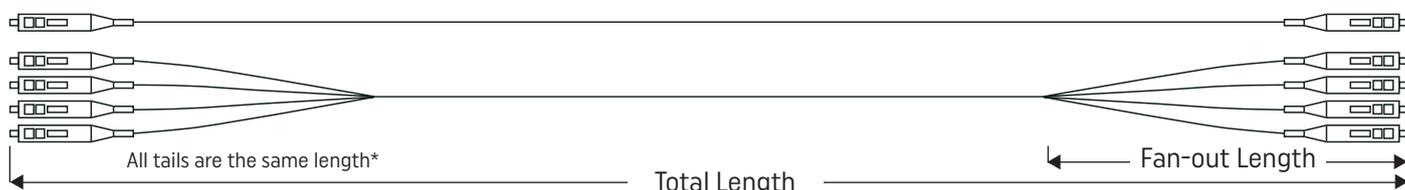- Laying in cable trays and ducts

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	glue and polish		
Cable type	Indoor LSZH, distribution, tight buffered		
Cable operational temperature range	0 to +60 °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

All tails are the same length*

Total Length

Fan-out Length

ORDERING CODES

DST3: Universal Pre-Terminated Indoor Optical Cable

DS	T3	✓	–	✓	/	✓	–	???	–	??	–	??	/	??	
															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)**
Example:															
DS	T3	S2	–	SC	/	SC	–	90.0	–	24	–	0.5	/	0.5	INTELDAT pre-terminated cable, 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															