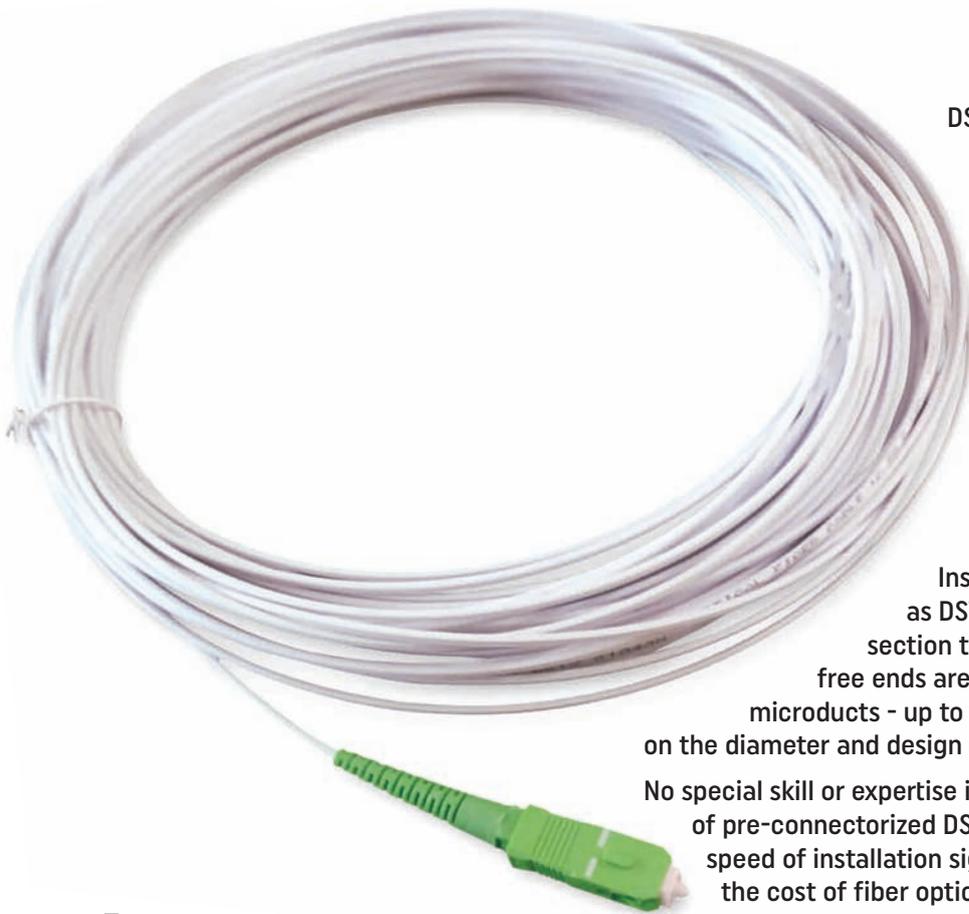


DSTY Pre-Terminated Flat Drop Optical Cable for FTTH installations



DSTY is a high-strength fiber optic cable reinforced with steel wire or fiberglass reinforced polymer (FRP).

The cable is usually terminated at one end with a standard SC or LC optical connector, but the termination can be made with other connector types. The pre-connectorized end will be inserted into a terminal box in the home or office. The loose end is unconnectorized, and is usually terminated by splicing in a building cabinet.

Installation is accomplished quickly, as DSTY cables have a rectangular cross-section that reduces frictional area as their free ends are being pulled through prepared microducts - up to 150 meters long, depending on the diameter and design of the microduct.

No special skill or expertise is required for the installation of pre-connectorized DSTY cables, and the overall speed of installation significantly reduces the cost of fiber optic cabling.

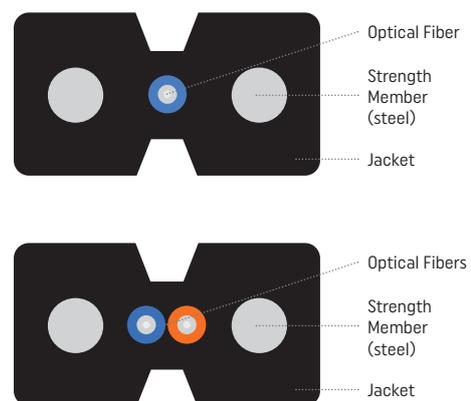
Features & Advantages

- Installs inside microducts with > 5.5 mm I.D
- Singlemode PC or APC
- Ultra lightweight
- High crush resistance
- Low friction outer sheath
- Inherent kink resistance
- Compliant to: ITU-T: G.657
NEC: UL 1651 – Field Assembled Cable
IEC: 60794-1-2, 60332-2-2
REACH & RoHS

Applications

- Indoor FTTH Drops
- FTTP and FTTB Indoor Networks
- FTTA

Structure of the 1- & 2-Fiber Flat Drop Cables



Specifications

Parameter	Contents	Unit	Value
Optical Fiber	Number	/	1 or 2
Strength member	Material	/	Steel wire or FRP
Outer sheath	Material	/	LSZH
	Color	/	Black or White
	Dimensions	mm	(3.0 ± 0.1) mm × (2.0 ± 0.1) mm
Tensile performance	Short term	N	200
	Long term	N	100
Crush	Short term	N/100 mm	2200
	Long term	N/100 mm	1000
Cable attenuation		dB/km	≤ 0.4 at 1310 nm, ≤ 0.3 at 1550 nm
Cable weight (approx.)		kg/km	11
Minimum bending radius	Static	mm	20
	Dynamic	mm	40
Application temperature range	Operation	/	-40°C ~ +70°C
	Installation	/	-20°C ~ +60°C
	Storage	/	-40°C ~ +70°C

ORDERING CODES

DSTY: Pre-Terminated Flat Drop Optical Cable for FTTH Installations

DS	TY	S2	-	✓	-	✓	-	✓	-	???	
											Fiber Type
		S2									OS2 SM 09/125 μm G.657 A2
											Connector
				SC							SC/PC
				SCA							SC/APC
				LC							LC/PC
				LCA							LC/APC
											Cable Color
						W					White
						B					Black
											Configuration
								S			Simplex
								D			Duplex
										60.0	Cable Length (m)
Example											
DS	TY	S2	-	SCA	/	W	-	S	-	60.0	INTELDAT pre-terminated flat drop cable, SM 09/125 G.657 A2 OS2 fiber, SC/APC connector, white, simplex, 60 m