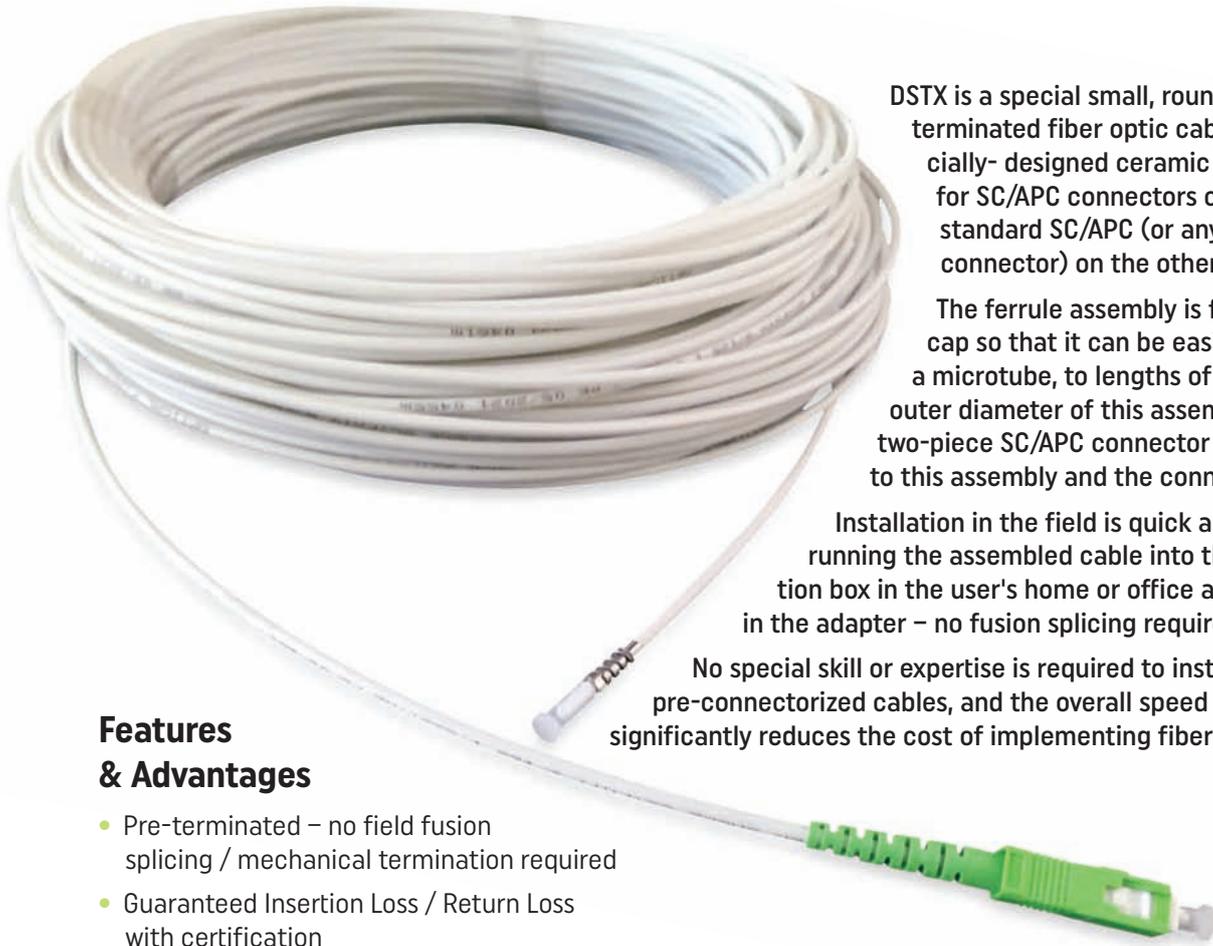


DSTX Pre-Terminated SprintTX-Connected Drop Cables for FTTH Applications



DSTX is a special small, round, concentric, terminated fiber optic cable that has a specially- designed ceramic ferrule assembly for SC/APC connectors on one end, and a standard SC/APC (or any other optical connector) on the other end.

The ferrule assembly is fitted with a special cap so that it can be easily pushed through a microtube, to lengths of up to 100 m, as the outer diameter of this assembly is only 3 mm. A two-piece SC/APC connector body is then fitted to this assembly and the connector is plugged in.

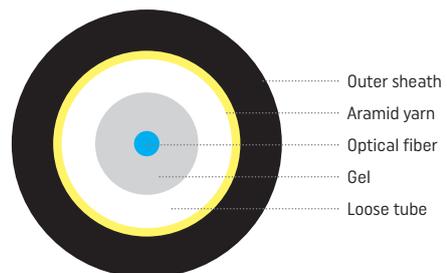
Installation in the field is quick and easy, simply by running the assembled cable into the terminal junction box in the user's home or office and plugging in the adapter – no fusion splicing required.

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

Features & Advantages

- Pre-terminated – no field fusion splicing / mechanical termination required
- Guaranteed Insertion Loss / Return Loss with certification
- Installs inside micro-ducts with > 5.5mm I.D.
- Industry-standard SC connectors format
- Singlemode PC or APC version
- 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

Structure of Single-Fiber Optical Drop Cable



Pre-Terminated Ferrule Assembly



Applications

- FTTH – Indoor & Outdoor Drops
- FTTP and Campus Networks
- Rural Broadband
- FTTA

Specifications

Parameter	Contents	Unit	Value
Optical Fiber	Number	/	1
	Fiber type	/	G. 657A2
Loose tube	Material	/	PC
	Diameter	mm	1.8 ± 0.1
	Fill	/	Gel
Strength member	Material	/	Aramid yarn
Outer sheath	Material	/	LSZH
	Color	/	Black or White
	Diameter	mm	2.8 ± 0.2
Tensile performance	Short term	N	50
	Long term	N	20
Crush	Short term	N/100 mm	100
	Long term	N/100 mm	50
Cable attenuation		dB/km	≤ 0.4 at 1310 nm, ≤ 0.3 at 1550 nm
Cable weight (approx.)		kg/km	6.1
Minimum bending radius	Static	/	10 x cable diameter
	Dynamic	/	20 x cable diameter
Application temperature range	Operation	/	-10°C ~ +70°C
	Installation	/	-5°C ~ +50°C
	Storage	/	-10°C ~ +70°C

ORDERING CODES

DSTX: Pre-Terminated SprintX-Connected Drop Cables for FTTH Applications

DS	TX	S2	-	SCATX	/	✓	-	???	-	???	
											Fiber Type
		S2									OS2 SM 09/125 μm
											Connector A
				SCATX							SC/APC SprintX
											Connector B
						SC					SC/PC
						SCA					SC/APC
						LC					LC/PC
						LCA					LC/APC
						E2A					E2000/APC
						ST					ST/PC
						FC					FC/PC
						FCA					FC/APC
								60.0			Cable Length (m)
											Jacket Type
										I	Indoor
										O	Outdoor
Example											
DS	TX	S2	-	SCATX	/	SCA	-	60.0	-	I	INTELDAT pre-terminated drop cable, 09/125 OS2 fiber, SprintX SC/APC to SC/APC connector, 60 m length, indoor