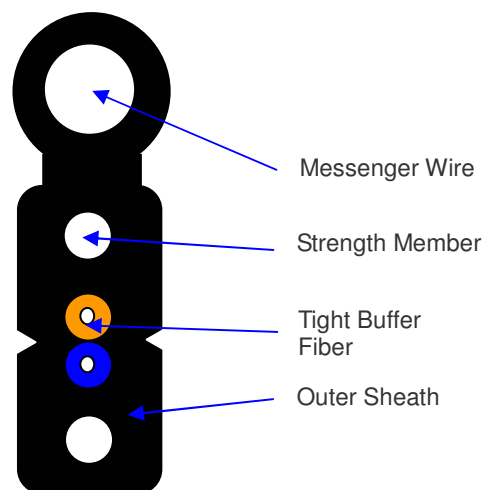


FTTx Aerial Drop Cable

Product Features:

- Special design for outdoor/indoor aerial accessing
- Tiny slit on both sides to allow easy strip
- PE sheath or low smoke, zero halogen with fire retardant sheath
- Steel wire or FRP(Fiber Reinforced Plastic) as strength member provide excellent crush resistance and tensile strength
- Bend optimized design for bending sensitively applications such as FTTx and premise network
- Complies with IEC 60793-1, IEC60793-2, IEC 60794, IEC 60332-1, IEC 60332-3C, IEC 60754, IEC 61034, BS 2783, EIA/TIA 598B

Cable's Structure:



Optical Characteristic:

Parameter	Condition	Value
Fiber		Singlemode Fiber
Attenuation	@1310nm	$\leq 0.4\text{dB/km}$
	@1550nm	$\leq 0.3\text{dB/km}$
Zero Dispersion Wavelength		1300~1324nm
Zero Dispersion Slope		$\leq 0.090\text{ps/nm}^2.\text{km}$
Cutoff Wavelength		$\leq 1260\text{nm}$
Mode Field Diameter(MFD)	@1310nm	$9.2 \pm 0.5\mu\text{m}$
	@1550nm	$10.0 \pm 0.5\mu\text{m}$
Marcobending Loss	100turns; $\Phi 50\text{mm}$ @1550nm	$\leq 0.05\text{B}$
	100turns; $\Phi 50\text{mm}$ @1625nm	$\leq 0.10\text{dB}$
Fiber Curl Radius		$\geq 4\text{m}$
Cladding Diameter		$125 \pm 1\mu\text{m}$
Coating Diameter		$245 \pm 5\mu\text{m}$

Mechanical Characteristic:

Parameter		Value
Fiber Count		1 or 2
Tight Buffer Fiber Diameter		Φ900μm
Strength Member		Steel wire (Φ0.4mm x 2)
Messenger Wire		Steel wire (Φ1.2mm)
Sheath Material		LSZH / PE
Cable Dimension		2.0mm x 6.0mm
Cable Weight		20 ± 2 kg/km
Max. Allowable Pulling Force	Installation	660N
	Operation	220N
Crush Resistance		1000/300 N/10cm
Temperature	Operation	-40℃~+60℃
	Installation	-5℃~+50℃

Ordering Information:

Order No.	Fiber count	Cable sheath material
FTTH-03001	2	PE
FTTH-03002		LSZH
FTTH-03003	1	PE
FTTH-03004		LSZH

*Special cable design or
different fiber type is
available upon request*



*ZTT reserves the right to modify products and specifications without prior notice.