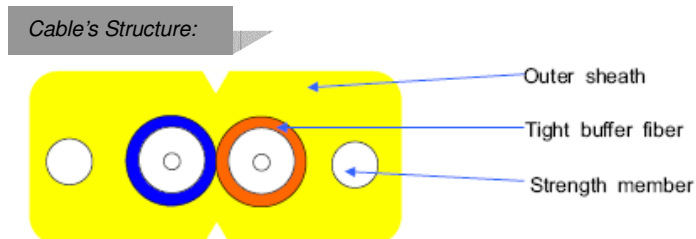


FTTx Drop Cable

Product Features :

- Tiny slit on both sides to allow easy strip
- Normal sheath or low smoke, zero halogen and 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, EIA/TIA 598B



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		$< 1260\text{nm}$
Mode Field Diameter(MFD)	@1310nm	$8.6 \pm 0.4\mu\text{m}$
	@1550nm	$10.0 \pm 0.5\mu\text{m}$
Marcobending Loss	100turns; $\Phi 50\text{mm}$ @1310nm	$\leq 0.05\text{B}$
	100turns; $\Phi 50\text{mm}$ @1550nm	$\leq 0.10\text{dB}$
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 SMF
Tight Buffer Fiber Diameter		Φ900μm
Strength Member		Steel / FRP (Φ0.4mm x 2)
Sheath Material		LSZH / PVC
Cable Dimension		2.0mm x 4.0mm
Cable Weight		18 ± 5 kg/km
Max. Allowable Pulling Force	Installation	100 ~ 180N
	Operation	40 ~ 90N
Crush Resistance		400/200 N/10cm
Temperature	Operation	-20℃~+70℃
	Installation	-5℃~+50℃

Ordering Information:

Order No.	Fiber Count	Strength member material	Sheath Material
FTTH-08001	1xSMF	FRP	PVC
FTTH-08002			LSZH
FTTH-08003		Steel wire	PVC
FTTH-08004			LSZH
FTTH-08005	2xSMF	FRP	PVC
FTTH-08006			LSZH
FTTH-08007		Steel wire	PVC
FTTH-08008			LSZH

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