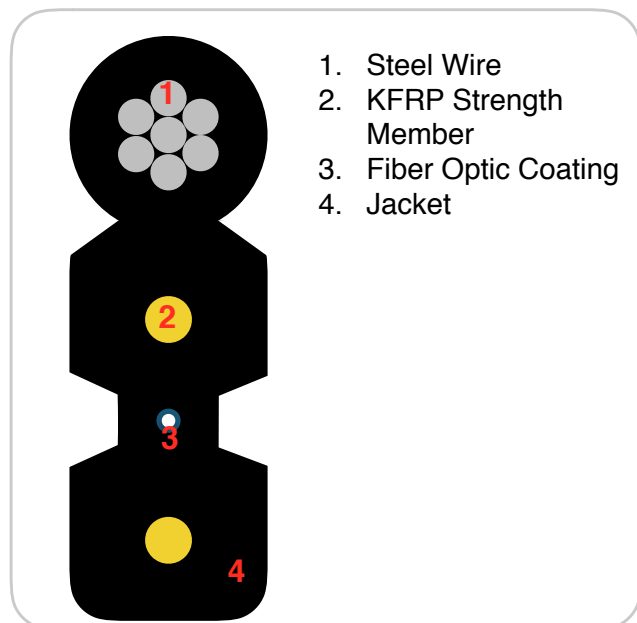


FTTH DROP CABLE MODEL MX

Complains with EIA/TIA-455-176, EIA/TIA-455-173, EIA/TIA-455-61, EIA/TIA-455-59, EIA/TIA-455-62, EIA/TIA-455-168, EIA/TIA-455-167, EIA/TIA-455-170, EIA/TIA-455-44, EIA/TIA-455-31, EIA/TIA-455-111.



Items		Unit	Specifications (G.657A2)
Mode Field Diameter	1310nm	um	8.6±0.4
	1550nm		9.6±0.5
Cladding Diameter		um	125±0.7
Cladding Non Circularity		%	≤0.7
Core Cladding Concentricity Error		um	≤0.5
Coating Diameter		um	245±5
Coating Non Circularity		%	≤6.0
Cladding Coating Concentricity Error		um	<12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
Attenuation (max.)	1310nm	dB/km	≤0.35
	1550nm		≤0.2
Macro Bending Loss	1 turn * 7.5mm radius @1550nm	dB/km	≤0.4
	1 turn * 7.5mm radius @1625nm	dB/km	≤0.8
Working wavelength		nm	1200 ~ 1600

v

Items		Specifications
Fibers		1
Colored Coating Fiber	Dimensions	250um ± 15um
Self Supporting Mmember	Dimensions	1.6mm ± 0.05mm (7/0.53mm)
	Material	Stranded Steel Wire
Strength Member	Material	KFRP
	Diameter	0.45mm
Outer Jacket	Dimensions	5mm ± 0.2mm * 2mm ± 0.1mm
	Material	LSZH
	Color	Black
Weight		20kg

Mechanical and Environmental Characteristics	
Items	Specifications
Tension in Long term (N)	300
Tension in Short term (N)	600
Crush in Long term (N/10cm)	1000
Crush in Short term (N/10cm)	2200
Min. Bend Radius Dynamic (mm)	20D
Min. Bend Radius Static (mm)	10D
Installation Temperature (C)	-10 ~ +60
Operating Temperature (C)	-40 ~ +70