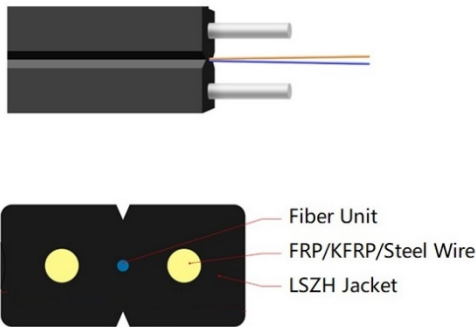


FTTH Drop Cable (without Self-support wire)



Order Code **Drop Cable, 1-4 fibers**

Features:

- Good crush resistance ensured by parallel strength member
- Simple Structure, light weight and high practicability
- Low smoke, zero halogen sheath

Application

- Access Network

Maxwellon TF-3701 series FTTH Drop Cable (without self-supporting wire) construction is that the optical fiber unit is positioned in the centre; Two parallel strength members are placed at the two sides; The cable is completed with a LSZH sheath.

Standards:

TF-3701 series FTTH Drop Cable (without self-supporting wire) complies with standard YD/T1997-2009 and IEC60794-3

Fiber Optic Characteristics

Parameters	Specification
Fiber Type	G.657A1
Mode-field Diameter (um)	9.0±0.4 (1310nm)
	10.1±0.5 (1550nm)
Cladding Diameter (um)	124.8±1.0
Coating Diameter (um)	245±7
Core-Cladding Concentricity (um)	≤0.6
Cladding Non-circularity (%)	≤1.0
Coating-Cladding Concentricity (um)	≤12
Attenuation (dB/km)	≤0.35 (1310nm)
	≤0.21 (1550nm)

Cable Specification

Parameters	Specifications		
Fiber Count	1	2	4
Cable Dimension (mm)	(2.0±0.1) × (3.0±0.1)	(2.0±0.1) × (3.0±0.1)	(2.0±0.1) ×(3.0±0.1)
Cable Weight (kg/km)	8	8.5	10

Tensile Strength (N)	Short Term	60 (FRP), 80 (KFRP), 200 (Steel Wire)
	Long Term	30 (FRP), 40 (KFRP), 100 (Steel Wire)
Crush Resistance (N/100mm)	Short Term	1000
	Long Term	300
Bending Radius (mm)	Dynamic	60
	Static	30
Cable Attenuation (AfterCable) (dB/km)	SMFiber @1310nm	≤0.4
	SMFiber @1550nm	≤0.3
Operating Temperature (°C)		-20 ~ +60
Storage Temperature (°C)		-20 ~ +60

Ordering Information:

TF-3701 series FTTH Drop Cable, without self-supporting wire, **G657A1 Fiber**, **FRP/KFRP/Steel Wire** Strength Members, LSZH jacket.

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<http://www.maxwellon.com>

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