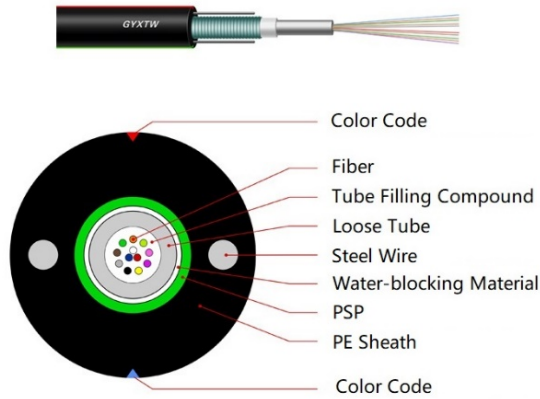


Central Tube Light-armored Cable GYXTW



Order Code

GYXTW 2 -48 fibers

Features:

- Good mechanical and temperature performance
- High hydrolysis resistance and high strength loose tube
- Good crush resistance and flexibility
- High tensile strength ensured by parallel steel wires
- Small diameter, light weight and friendly installation

Application

- Access network
- Core network
- Metropolitan area network

Maxwellon TF-3201 series central tube light-armored cable (GYXTW) construction is that 250um fibers are positioned in a loose tube which is made of high modulus plastic, filled with a water-resistant filling compound and wrapped with a layer of PSP (Steel Tape) longitudinally; Between the PSP (Steel Tape) and the loose tube a water-blocking material is applied to keep the cable compact and watertight; Two parallel steel wires are placed at the two sides of the steel tape, and the cable is completed with a polyethylene (PE) sheath.

Standards:

TF-3201 series central tube light-armored cable (GYXTW) complies with YD/T769-2010 standard

Fiber Optic Characteristics

Parameters		Specifications			
Fiber Type		G.652	G.655	G651A1 (50/125um)	G651A1b (62.5/125um)
Attenuation (+20 ° C)	@850nm	/	/	≤3.0dB/km	≤3.0dB/km
	@1300nm	/	/	≤1.0dB/km	≤1.0dB/km
	@1310nm	≤0.36dB/km	/	/	/
	@1550nm	≤0.22dB/km	≤0.23dB/km	/	/
Bandwidth (Class A)	@850	/	/	≥500MHZ·km	≥500MHZ·km
	@1300	/	/	≥1000MHZ·km	≥600MHZ·km
Numerical aperture				0.200 ± 0.015NA	0.275 ± 0.015NA
Cable cut-off wavelength		≤1260nm	≤1480nm		

Cable Specifications

Fiber Count	Cable Dia.(mm)	Cable Weight Kg/km	Tensile Strength(N) long/short term	Crush Resistance(N) long/short term	Bending Radius (mm)
2 - 12	9.0	85	600/1000	500/1500	15D/30D
14 - 24	9.0	85	600/3000	1000/3000	15D/30D
2 - 12	10.0	105	1000/3000	1000/3000	15D/30D
14 - 24	10.0	105	1000/3000	1000/3000	15D/30D
26 - 36	14.0	190	1000/3000	1000/3000	15D/30D
38 - 48	15.0	216	1000/3000	1000/3000	15D/30D

Storage and use temperature: -40 ° C to +70 °

Ordering Information:

TF-3201 GYXTW outdoor cable, central tube, single PSP armor and single PE jacket; 2~48 fibers, please specify fiber type

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