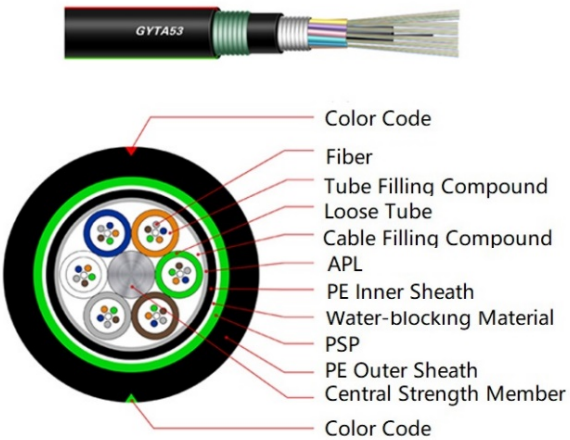
Stranded Loose Tube Double Armored & Double Sheathed Cable GYTA53



Order Code GYTA53, 2 - 216 fibers

Features:

- Good mechanical and temperature performance
- High hydrolysis resistance and high strength loose tube
- Good crush resistance and flexibility
- Good moisture-proof ensured by APL and PSP
- High tensile strength ensured by steel wire

Application

- Access network
- Core network
- Metropolitan area network

Maxwellon TF-3104 series Stranded Loose Tube Double Armored & Double Sheathed Cable (GYTA53) construction is that 250um fibers are positioned in a loose tube which is made of high modulus plastic and filled with a water-resistant filling compound; A steel wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a metallic strength member; Tubes are stranded around the strength member into a compact and circular cable core; The APL (Aluminum Tape) is longitudinally applied over the cable core which is filled with the filling compound to protect it from water ingress and then the cable core is covered with a polyethylene (PE) inner sheath; After the PSP (Steel Tape) is longitudinally applied over the inner sheath, the cable is completed with a polyethylene (PE) outer sheath.

Standards:

TF-3104 series Stranded Loose Tube Double Armored & Double Sheathed Cable (GYTA53) complies with YD/T901-2009 and IEC60794-1 standards.

Fiber Optic Characteristics

Parameters		Specifications			
Fiber Type		G.652	G.655	G651A1 (50/125um)	G651A1b (62.5/125um)
Attenuation (dB/km)	@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 (MHz.KM)	@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)	Temsile Strength(N) long/short term	Crush Resistance(N) long/short term	Bending Radius (mm)
2 - 6	12.5	175	1000/3000	1000/3000	15D/30D
8-12	12.5	175	1000/3000	1000/3000	15D/30D
14-18	12.5	175	1000/3000	1000/3000	15D/30D
20-24	12.5	175	1000/3000	1000/3000	15D/30D
26-30	12.5	175	1000/3000	1000/3000	15D/30D
32-36	12.5	175	1000/3000	1000/3000	15D/30D
38-48	12.5	175	1000/3000	1000/3000	15D/30D
50-60	12.5	175	1000/3000	1000/3000	15D/30D
62-72	13.2	200	1000/3000	1000/3000	15D/30D
74-84	15.0	230	1000/3000	1000/3000	15D/30D
86-96	15.0	230	1000/3000	1000/3000	15D/30D
98-108	16.0	260	1000/3000	1000/3000	15D/30D
110-120	16.0	260	1000/3000	1000/3000	15D/30D
122-132	18.0	300	1000/3000	1000/3000	15D/30D
134-144	18.0	330	1000/3000	1000/3000	15D/30D
146-216	18.0	330	1000/3000	1000/3000	15D/30D

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

Ordering Information:

TF-3104 GYTA53 outdoor cable, stranded loose tube, steel wire central strengh member, single PSP armor, single APL armor and double PE jacket; 2-216 fibers are available. Please specify the fiber type

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