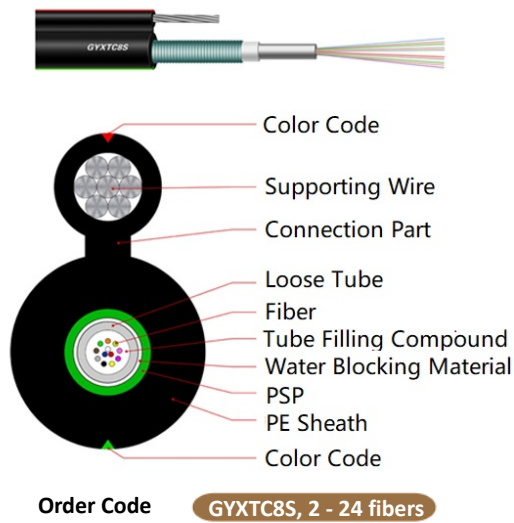


Figure 8 Loose Tube Light-armored(Steel Tape) Cable (GYXC8S)



Features:

- Good mechanical and temperature performance
- High hydrolysis resistance and high strength loose tube
- Good crush resistance and flexibility
- High tensile strength of stranded wires meeting the requirement of self-supporting
- Good moisture-proof ensured by PSP

Application

- Access network
- Core network
- Metropolitan area network

Maxwellon TF-3302 series stranded loose tube light-armored (Steel Tape) figure 8 cable (GYXC8S) 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; The PSP (Steel Tape) is longitudinally applied over the cable core which is filled with the filling compound to protect it from water ingress; This part of cable accompanied with the stranded wires is completed with a polyethylene (PE) sheath to be figure 8 structure.

Standards:

TF-3302 series stranded loose tube light-armored (Steel Tape) figure 8 cable (GYXC8S) complies with YD/T1155-2011 and IEC60794-1 standards.

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

Parameters		Specifications	
Fiber Count		2-12	14-24
Cable Diameter(mm)		7.0×14	8.0×15.1
Cable weight Kg/km		118	129
Stranded Wire		7×1.0mm stranded galvanized steel wire	
Tensile Strength (N)	Short Term	7000	
	Long Term	3500	
Crush Resistance (N)	Short Term	3000	
	Long Term	1000	
Bending Radius (mm)	Dynamic	30D	
	Static	15D	

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

Ordering Information:

TF-3302 series GYXTC8S outdoor cable, FIG8, stranded loose tube, , single PSP armor and single PE jacket; **2-24 fibers.**

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