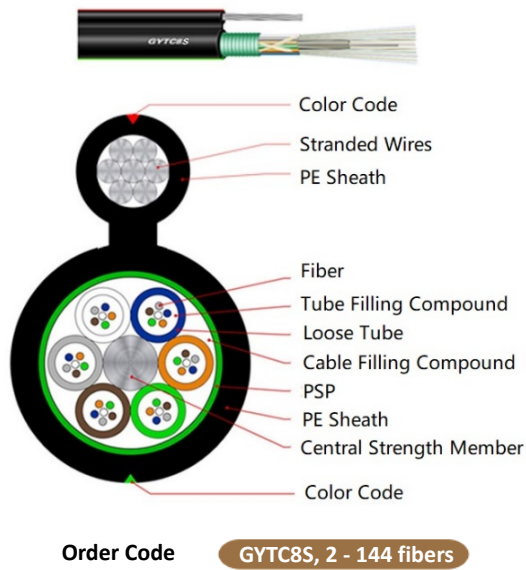


Figure 8 Loose Tube Light-armored (Steel Tape) Cable (GYTC8S)



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-3301 series stranded loose tube light-armored (Steel Tape) figure 8 cable (GYTC8S) 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 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-3301 series stranded loose tube light-armored (Steel Tape) figure 8 cable (GYTC8S) 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		
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Cable Specifications

Parameters		Specifications				
Fiber Count		2 - 60	62 - 72	74 - 96	98 - 120	122 - 144
Cable Diameter(mm)		9.5×18.3	10.5×19.3	12.5×20.3	13.5×21.3	15.0×24.3
Cable weight Kg/km		218	240	280	320	350
Stranded Wire		7×1.0mm stranded galvanized steel wire				
Tensile Strength (N)	Short Term	7500				
	Long Term	4000				
Crush Resistance (N)	Short Term	1000				
	Long Term	500				
Bending Radius (mm)	Dynamic	30D				
	Static	15D				

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

Ordering Information:

TF-3301 GYTC8S outdoor cable, FIG8, stranded loose tube, steel wire central strength member, single PSP armor and single PE jacket; **2-144 fibers, please specify the fiber type.**

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