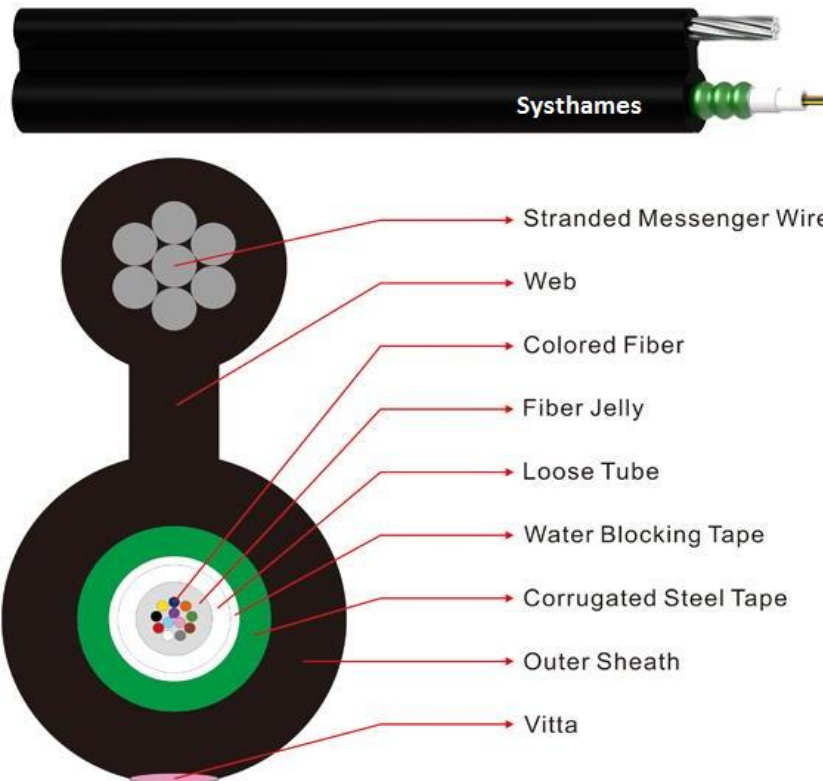


Outdoor Aerial Fiber Optic Cable GYXTC8S



Product Code	Description			
3535-00005	Outdoor aerial fiber optic cable GYXTC8S	9/125;50/125; 62.5/125	OM3;OM4	2- 24 core

·Description

The fibers, 250μm, are positioned in a loose tube made of a high modulus plastic, the tubes are filled with a water-resistant filling compound. The two sides PSP are longitudinally applied over the outer loose tube. Steel wires and loose tubes filled with water proof compound to ensure compact and longitudinally water blocking, this part of cable accompanied with the stranded wires as the supporting part are completed with a polyethylene(PE) sheath to be figure 8 structure.

·Characteristics

- High tensile strength of stranded wires meet the requirement of self-supporting and reduce the installation cost
- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- PSP enhancing moisture-proof
- Small diameter, light weight and friendly installation
- Long delivery length and low price.

·Standards

GYXTC8S cable complies with Standard YD/T 1155-2001 as well as IEC 60794-1.

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·Optical Characteristics

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	@ 850nm			≤3.0 dB/km	≤3.0 dB/km
	@ 1300nm			≤1.0 dB/km	≤1.0 dB/km
	@ 1310nm	≤0.36 dB/km	≤0.40 dB/km		
	@ 1550nm	≤0.22 dB/km	≤0.23dB/km		
Bandwidth (Class A)	@ 850nm			≥500 MHz · km	≥200 MHz · km
	@ 1300nm			≥1000 MHz · km	≥600 MHz · km
Numerical Aperture				0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelength λ _{cc}		≤1260nm	≤1480nm		

·Technical Parameters

Cable Type	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Supporting Wire Spec	Connection Diameter	Tensile Strength Long/Short	Crush Resistance Long/Short	Bending Radius Static
GYXTC8S	7.65×14.5	7.65×14.5	118	Φ1.0mm*7 Stranded wires	Height×Width 3.0×2.5 mm	1000/2500	300/1000	80/160
GYXTC8S	8.2×15.1	8.2×15.1	129	Φ1.0mm*7 Stranded wires	Height×Width 3.0×2.5 mm	600/1500	300/1000	90/180

Storage/Operating Temperature : -40°C to + 60°C