

GYFTY-144B1

Fiber Cable



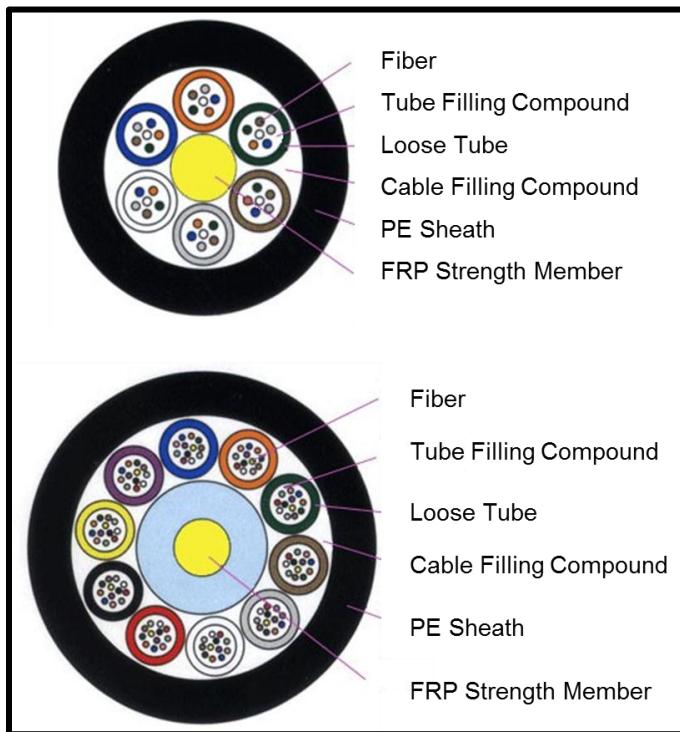
- Stranded Loose Tube Non-Metallic Strength Member Non-Armored
- Excellent Mechanical and Temperature Performance
- Hydrolysis Resistant
- Crush Resistance and Flexibility

The Telecom Infrastructure Materials Sourcing Company

Technical Specifications

Part Code	GYFTY-144B1
Attenuation (+20°C)	
@850nm	
@1300nm	
@1310nm	≤0.40 dB/km
@1550nm	≤0.23 dB/km
Cable Cut-off Wavelength λ_{cc}	≤1480nm
Cable Type	GYFTY-144
Fiber Count	144
Number of Tubes	12
Fillers	0
Cable Diameter	15.6mm
Cable Weight	185kg/km
Tensile Strength (Long/Short Term N)	1000/3000
Crush Resistance (Long/Short term N/100mm)	300/1000
Bending Radius (Static/Dynamic mm)	10D/20D
Storage/Operating Temperature	-40°C to + 70°C

GYFTY cable complies with Standard YD/T 901-2001as well as IEC 60794-1



- ✓ The 250 μm fibers are positioned in a loose tube made of a high modulus plastic.
- ✓ The tubes are filled with a water-resistant filling compound.
- ✓ A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member.
- ✓ The tubes (and fillers) are stranded around the strength member into a compact and circular core.
- ✓ The cable core is filled with the filling compound to protect it from water ingress, the cable is completed with a PE sheath.
- ✓ 100% Cable Core Filling.