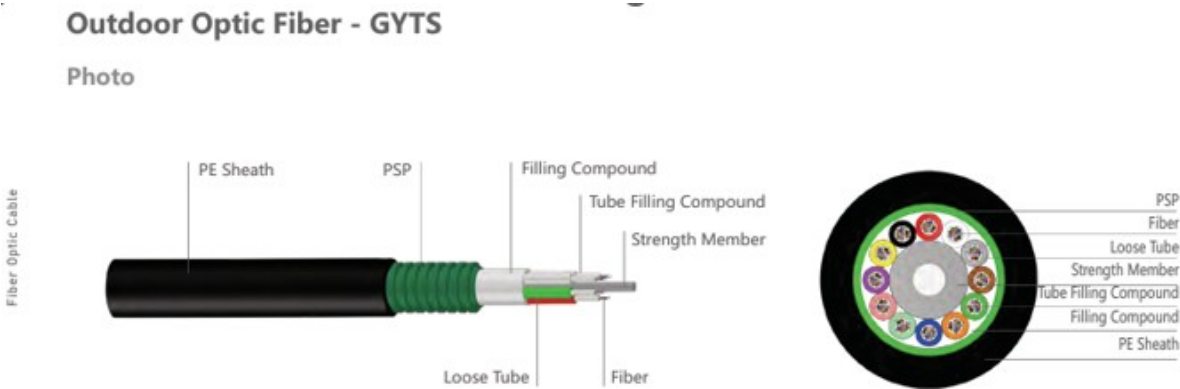


OUTDOOR OPTICAL FIBER CABLE (GYTS)

Stranded Loose Tube Steel Armored Fiber Cable – Up to 144 Cores



APPLICATION

- Outdoor communication networks
- Backbone fiber transmission
- Duct / aerial / direct burial installation
- Long-distance telecommunication

KEY FEATURES

- Stranded loose tube structure
- PSP steel armored protection
- Excellent water blocking performance
- Central strength member design
- Suitable for harsh environments

CABLE CONSTRUCTION

Component	Specification
Fiber Count	1–144 cores
Strength Member	Single Phosphating Steel Wire
Loose Tube	PBT
Water Blocking	Gel / Powder
Aarmor	PSP
Outer Sheath	PE

STANDARDS

YD/T 901-2009
GB/T 9771-2008
TIA/EIA-598

INSTALLATION

Type	Diameter (mm)	Cores	Installation
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GYTS	10-22	1-144	Duct / Aerial / Direct Burial
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OPTICAL PERFORMANCE

Parameter	OS2	Remark
Wavelength (nm)	1310 / 1550	
Attenuation (dB/km)	≤0.35 / 0.22	Single mode

MECHANICAL PERFORMANCE

Parameter	Value	Condition
Tensile Strength	≤1500N	Installation
Tensile Strength	≤600N	Operation
Crush Resistance	≤1000N	Short term
Crush Resistance	≤300N	Long term

PERFORMANCE TABLE (SUMMARY)

Test	Standard	Result
Tensile Test	IEC	Pass
Crush Test	IEC	Pass
Water Blocking	IEC	Excellent
Environmental	IEC	Outdoor Ready