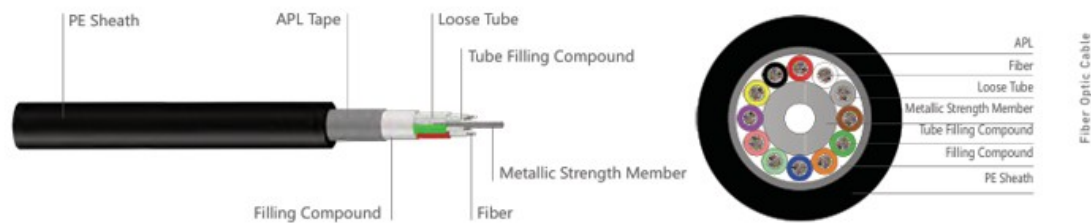


OUTDOOR OPTICAL FIBER CABLE (GYTA)

Stranded Loose Tube APL Armored Fiber Cable – Lightweight Design

Outdoor Fiber Cable - GYTA

Photo



APPLICATION

- Outdoor fiber communication
- Backbone transmission networks
- Duct / aerial installation
- Long-distance telecom systems

KEY FEATURES

- Stranded loose tube structure
- APL aluminum laminate armor
- Lightweight design compared to GYTS
- Excellent water-blocking performance
- Central metallic strength member

CABLE CONSTRUCTION

Component	Specification
Fiber Count	1-144 cores
Central Strength Member	Single Phosphating Steel Wire
Loose Tube	PBT
Water Blocking	Filling Compound
Armor	APL (Aluminum Polyethylene Laminate)
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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GYTA	10-22	1-144	Duct / Aerial
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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