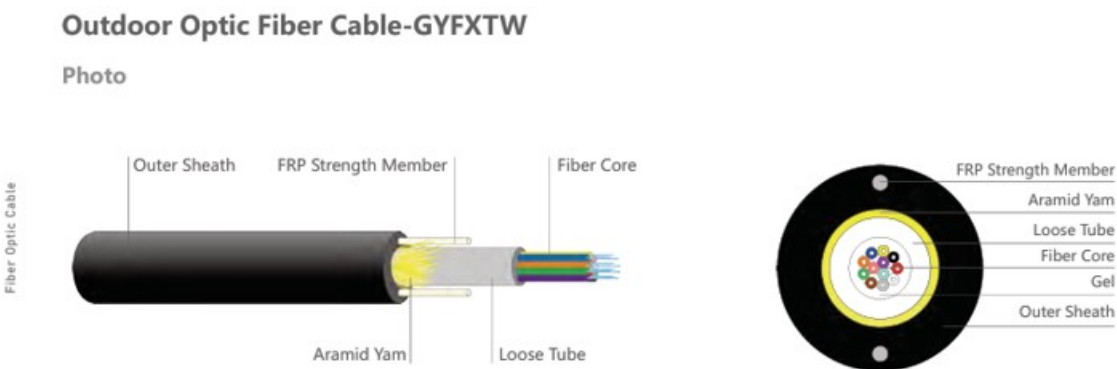


OUTDOOR OPTICAL FIBER CABLE (GYFXTW)

Non-metallic FRP Strength Member – Lightweight Outdoor Cable



APPLICATION

- Outdoor communication networks
- Long-distance transmission
- Duct installation
- Lightweight cable routing

KEY FEATURES

- Non-metallic FRP strength member
- Small diameter and light weight
- Excellent mechanical performance
- Hydrolysis-resistant loose tube
- Suitable for long-distance communication

CABLE CONSTRUCTION

Component	Specification
Fiber Type	OS2 Single mode
Strength Member	FRP (Non-metallic)
Loose Tube	PBT + Gel
Additional Strength	Aramid Yarn
Outer Sheath	PE

STANDARDS

YD/T 769-2010
GB/T 9771-2008
TIA/EIA-598

OPTICAL CHARACTERISTICS

Parameter	1310 nm	1550 nm
Attenuation (dB/km)	≤0.35	≤0.22

GEOMETRICAL CHARACTERISTICS

CASITEK | Outdoor Optical Fiber Cable - GYFXTW

Type	Diameter (mm)	Weight (kg/km)	Bending (Install)	Bending (Operation)
GYFXTW-2~12B1	7.5	30	20D	10D
GYFXTW-14~24B1	8.2	36	20D	10D

MECHANICAL PERFORMANCE

Parameter	Value
Tensile	≤1000N
Crush	≤1000N

PERFORMANCE TABLE (SUMMARY)

Test	Standard	Result
Tensile Test	IEC	Pass
Crush Test	IEC	Pass
Temperature	IEC	Outdoor Ready