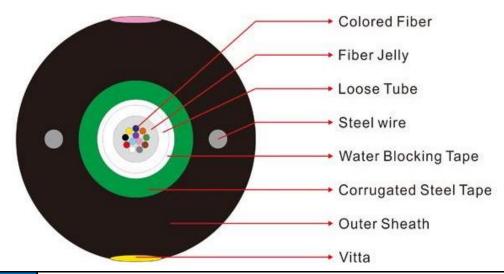


## Outdoor Unitube Lightarmored Fiber Optic Cable GYXTW





Product Code	Description						
3531-70001	Outdoor unitube lightarmored fiber optic cable GYXTW	9/125;50/125; 62.5/125	OM3;OM4	2 - 48 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 tube is wrapped with a layer of PSP longitudinally. Between the PSP and the loose tube, water-blocking material is applied to keep the cable compact and watertight. Two parallel steel wires are placed at two sides of the steel tape. The cable is completed with a polyethylene (PE) sheath.

#### **Features and Applications**

- · Good mechanical and temperature performance
- · High strength loose tube that is hydrolysis resistant
- · Special tube filling compound ensurea the protection of fiber
- · High crush resistance and flexibility
- · PSP enhances moisture-proofing
- · Two parallel steel wires enhances tensile strength
- · Small diameter, light weight and easy installation
- · Long delivery length

#### **Standards**

3531-70001 fiber optic cable complies with YD/T 769-2003.













# Outdoor Unitube Lightarmored Fiber Optic Cable GYXTW

## **·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 $\lambda$ cc		≤1260nm	≤1480nm		

### **·Technical Parameters**

Cable Type	Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	Bending Radius Static /Dynamic mm
GYXS/GYXTW-2~12	2~12	10	105	600/1500		10D/20D
GYXS/GYXTW-2~12	2~12	10.6	124	1000/3000	1000/3000	10D/20D
GYXS/GYXTW-14~24	14~24	12.5	149	1000/3000	1000/3000	10D/20D
GYXS/GYXTW-26~36	26~36	14	190	1000/3000	1000/3000	10D/20D
GYXS/GYXTW-38~48	38~48	15	216	1000/3000	1000/3000	10D/20D

Storage/Operating Temperature : -40°C to + 70°C









