

EZT LIGHT ARMORED OUTDOOR OPTICAL CABLE

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Description

Fitek offers an anti-rodent metallic outdoor cable that is designed with a metallic mono-coil metal tube to protect the fiber loose tube and steel wire embedded inside the sheath. The cable structure follows our unique EZT cable design, with the first layer of protection provided by the steel wire and the second layer provided by the mono-coil tube.

Features

- Outdoor optical cable meets the international standard of IEC-60794
- EZT outdoor metallic optical cable is designed with three steel wires embedded inside the jacket
- The cable tensile strength and crush resistance are much higher than normal outdoor cable
- The cable can perform natural anti-bending due to the steel wire embedded inside the jacket
- Outer jacket is made by flame retardant LSZH to enhance fire retardant and low smoke performance and also UV resistance

Applications

- Suitable for internal/external duct applications
- Ideal for use in outdoor intra-building link
- CATV、FTTX and FTTB last-mile optical network
- 5G smart light pole fiber network

Specifications



EZT Light Armored Outdoor Optical Cable		
Fiber Count	6F	12F
Strength Member	Steel wire & Kevlar	Steel wire & Kevlar
Loose Tube Diameter (mm)	2.0 ± 0.15	2.0 ± 0.15
Steel Wire Diameter (mm)	0.5 ± 0.05	0.5 ± 0.05
Cable Diameter (mm)	6.0 ± 0.2	6.0 ± 0.2
Maximum Attenuation (dB/km)	0.4	@1310 nm
	0.3	@1550 nm
Material	LSZH	
Color	Black	

Specifications

Item	Value	Standard
Maximum Tensile Load (N)	2700N	IEC 60794-1-2 E1
Maximum Crush Resistance	3000N/100mm	IEC 60794-1-2 E3
Storage Temperature	-20°C to + 70°C	IEC 60794-1-2 F1
Operating Temperature	-20°C to + 70°C	