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ANTI-RODENT FLAT OPTICAL DROP CABLE



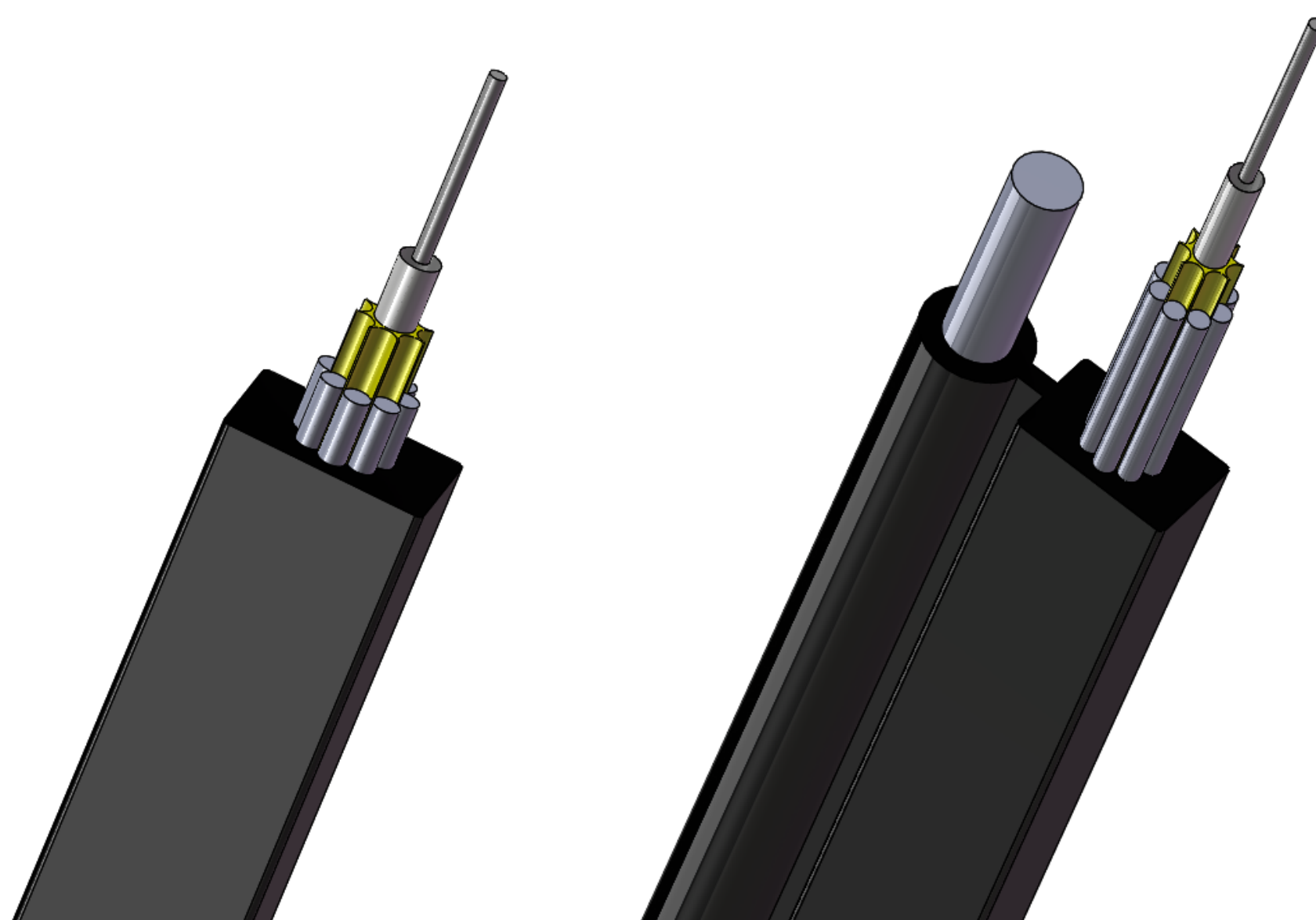
ANTI-RODENT FLAT OPTICAL DROP CABLE

Description

Fitek has designed non-metallic anti-rodent FLAT and round type drop cables with a first protection layer of glass yarns and a second protection layer of hard FRP to improve the mechanical properties of the normal drop cable and provide enhanced anti-rodent protection in tough and complex FTTH environments.

Features

- All dielectric optical drop cable
- Two layers of fiber protections, glass yarns and FRP
- Multiple FRP strength members
- LSZH jacket material meet IEC 60332-1



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Specifications

Non-metalic Anti-Rodent Flat Optical Cable		
Type	G657A1	G657A1
Fiber Count	1 F	4 F
Strength Member	FRP + Glass Yarn	FRP + Glass Yarn
Fiber Outer Diameter (mm)	0.5 ± 0.1	0.25 ± 0.05
Cable Diameter (mm)	3.1×2.0 (± 0.2)	3.1×2.5 (± 0.2)
Self-Support Cable Diameter (mm)	5.3×2.0 (± 0.2)	5.3×2.5 (± 0.2)
Maximum Attenuation (dB/km)	0.4	@1310 nm
	0.3	@1550 nm
Material	LSZH	
Color	Black	



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Mechanical Properties

Item	Specifications	Standard
Maximum Tensile Load (N)	200	IEC 60794-1-2E1
Maximum Crush Resistance (N/100 mm)	1500	IEC 60794-1-2E3
Min. bend radius installed (mm)	20 x O.D.	IEC60794-1-2 E11
Min. bend radius long term (mm)	15 x O.D.	
Storage Temperature	-20°C to + 70°C	IEC 60794-1-2F1
Operating Temperature	-20°C to + 70°C	

