

Optical Fiber Nonconductive Riser OFNR Distribution Cable

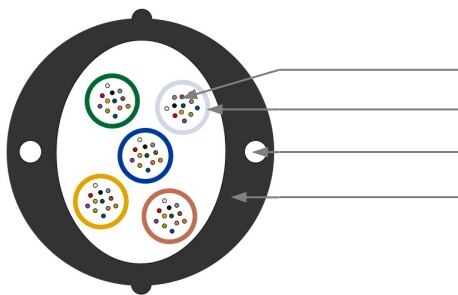


Description

OFNR is also known as optical fiber, nonconductive, riser, which is a type of interior fiber optic cable. This cable has no electrically conductive components, and it makes the cable suitable for riser application. In addition, all sub cable and outer jacket is LSZH material, which can prevent spread of fire from floor to floor in buildings.

Features

- 2 parallel FRP as strength member improves crush properties
- Nonconductive cable materials suitable for riser areas in buildings
- LSZH subunit sheath and outer jacket is flame retardant
- Environment friendly cable materials for indoor application
- Loose tube fiber units can be easily operation for distribution and construction



Cable Structure

- 1 Colored Coating Fiber
- 2 Sub Cable Element
- 3 FRP Strength Member
- 4 LSZH Sheath

Technical Characteristics

Fiber Count	Sub Cable Diameter (mm)	Loose Tube Diameter (mm)	FRP Diameter (mm)	Cable Diameter (mm)	Min. Bending Radius Dynamic/Static (mm)	Crush Long/Short Term (N/100mm)	Tensile Long/Short Term (N/100mm)
24	1.4±0.1	1.8/2.1	0.5	7.0±0.3	25D/12.5D	300/1000	50/100
48	1.3	2.2/2.5	1.0	8.5±0.3	20D/10D	300/1000	250/500

Applications: Distribution, Building Riser