

Indoor Multiple Purpose Tight-Buffer Breakout Fiber Cable



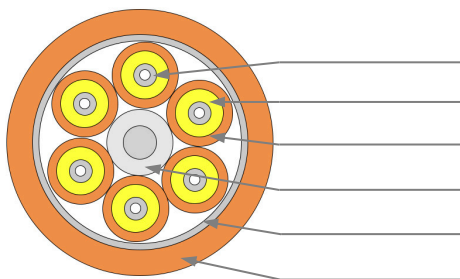
Description

This fiber breakout cable is a stranded multi purpose cable. All tight buffer fiber is wrapped by aramid yarn and protected. Tight buffer fiber and aramid yarn is completed with subunit jacket separately. Then all fiber units are stranded around a fiber reinforcement plastic central strength member. Water blocking tape can be added between the stranded unit and outside PVC or LSZH sheath.

Features

- Central FRP strength member
- Stranded tight buffer fiber units provides excellent tensile performance
- Corrosion resistant and waterproof outer sheath
- Environment friendly jacket material
- Flame retardant outer sheath for indoor and building safety application
- Aramid yarn in tight buffer fibers also improves the tensile standard

Cable Structure



- 1 Tight Buffer Fiber
- 2 Aramid Yarn
- 3 Subunit Jacket
- 4 FRP Strength Member
- 5 Water-blocking Materials
- 6 Jacket

Technical Characteristics

Fiber Count	Cable Diameter (mm)	Weight ref. (Kg/km)		Tensile Strength Long/Short Term (N)	Crush Long/Short Term (N/100mm)	Bending Radius Dynamic/Static (mm)
		PVC	LSZH			
4	7.4±0.5	50	56	130/440	300/1000	20D / 10D
6	8.4±0.5	66	74	200/660		
8	9.8±0.5	91	101	200/660		
12	12.4±0.5	140	155	200/660		
18	12.4±0.5	140	155	400/1320		
24	14.4±0.5	181	201	400/1320		
36	16.4±0.5	208	255	400/1320		
48	10.0±0.5	280	344	400/1320		

Applications: Indoor distribution, Backbone distribution