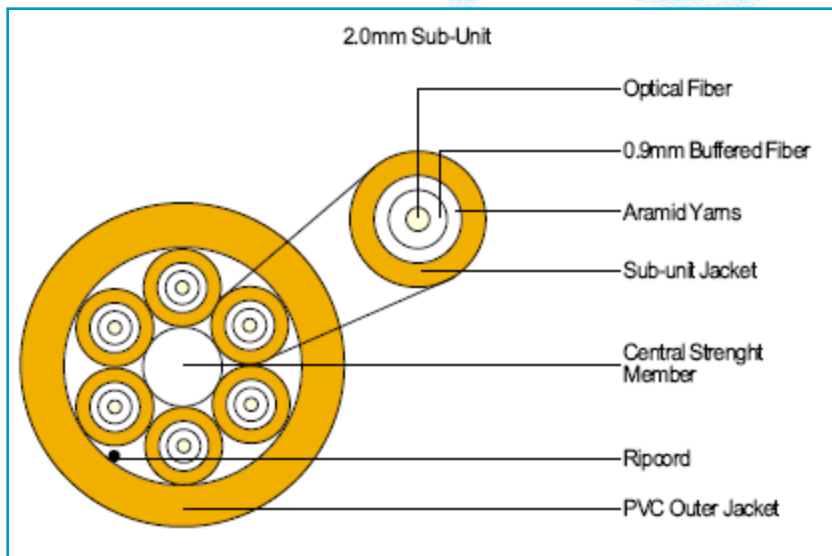




Fiber Optic Break Out Cable ONFR (riser rated), OFNP (plenum rated) or LSZH rated

Description / Applications:

- Breakout cables are rugged, high performance optical communication cables for inside plant installations
- OFNR (riser rated), OFNP (plenum rated) or LSZH (low smoke zero halogen rated)
- Backbone & Computer Room Cabling
- Direct Termination on 2.0 mm Sub-Units
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) complied



Specification:

- ISO/IEC 11801
- Telcordia GR-409-CORE
- ANSI/ICEA S-83-596

Option:

- Fiber - Single mode, 50 μm , 62.5 μm multi mode available
- Higher fiber counts available upon request
- Other Sub-Unit Diameters Available (1.8mm, 2.4 mm, 2.9mm etc.)
- Buffered fiber : Natural (white)
- Sub-unit & Outer Jacket color
 - Single Mode : Yellow
 - 62.5/125 μm 1Gbe : Orange
 - 50/125 μm 1Gbe : Orange
 - 50/125 μm 10Gbe : Aqua



ORNET



Mechanical Characteristics:

Storage Temperature : -20 to + 70°C / Operating Temperature : -10 to + 60°C

Fiber Count	Nominal Diameter		Nominal Weight		Maximum Tensile Load		Crush Load		Minimum Bend Radius			
	[mm]	[inch]	[kg/km]	[lb/kt]	Short Term [N]	Long Term [N]	Short Term [N/cm]	Long Term [N/cm]	Loaded [mm]	Loaded [inch]	Installed [mm]	Installed [inch]
2	7.5	0.30	50	0.11	660	300	35	13	150	5.91	75	2.98
4	7.7	0.30	55	0.12	660	300	35	13	154	6.06	77	3.06
6	8	0.31	65	0.14	660	300	35	13	160	6.30	80	3.18
8	9.5	0.37	85	0.19	660	300	35	13	190	7.48	95	3.78
12	10.5	0.41	95	0.21	1320	660	35	13	210	8.27	105	4.18

Transmission Performance:

	9/125 μ m (1310/1550nm)	50/125 μ m Standard (850/1300nm)	50/125 μ m Gigabit (850/1300nm)	50/125 μ m 10Gigabit (850/1300nm)	62.5/125 μ m Standard (850/1300nm)	52.5/125 μ m Gigabit (850/1300nm)
Attenuation(dB/km) Typical values	0.5/0.4	3.0/1.0	3.0/1.0	3.0/1.0	3.5/1.0	3.5/1.0
Minimum Bandwidth (MHz • km)	-	500/500	500/500	1500/500	200/500	200/500
Ethernet Link Distance (m)						
10Gbps	-	-	-	300	-	-
1Gbps	-	-	550/550	-	-	250/550

