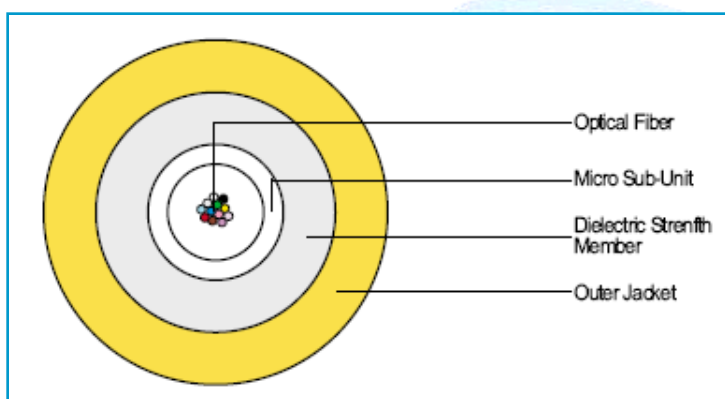




Fiber Optic Distribution - Micro Distribution Cable

Description / Applications:

- Colored fiber, Micro sub-unit, dielectric strength member, Outer jacket
- Micro Sub-unit cable containing Max. 12 optical fibres
- Outer sheath: PVC OFNR(riser rated), PVC OFNP(plenum rated) or LSZH(low smoke zero halogen rated)
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) complied



Colour of Fiber:

- | | |
|-------------|-------------|
| 01 - Blue | 09 - Yellow |
| 02 - Orange | 10 - Violet |
| 03 - Green | 11 - Pink |
| 04 - Brown | 12 - Aqua |
| 05 - Grey | |
| 06 - White | |
| 07 - Red | |
| 08 - Blac | |

Colour of Micro Sub-unit:

- Natural or white

Colour of Sheath:

- SM-Yellow
- MM-Orange

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/ft]	Short Term [N]	Long Term [N]	Short Term [N/cm]	Long Term [N/cm]	Loaded		Installed		
										[mm]	[inch]	[mm]	[inch]
2	3.8	0.15	15	0.03	300	100	7.4	3.7	76	2.99	38	1.51	
4	3.8	0.15	15	0.03	300	100	7.4	3.7	76	2.99	38	1.51	
6	3.8	0.15	15	0.03	300	100	7.4	3.7	76	2.99	38	1.51	
8	3.8	0.15	15	0.03	300	100	7.4	3.7	76	2.99	38	1.51	
12	3.8	0.15	15	0.03	300	100	7.4	3.7	76	2.99	38	1.51	



ORNET



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

