



Fiber Optic Distribution Cable 900 um 2 fiber buffered Aramid yarn Strength member

Description / Applications

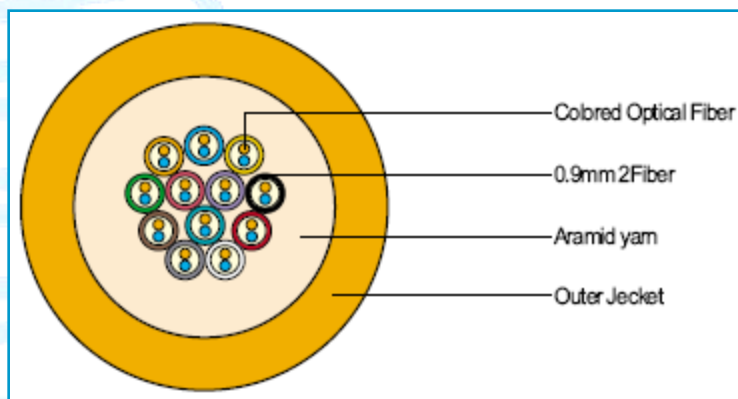
- Fiber to the desk cable for very high speed multimedia application
- Rugged construction : 2 fiber buffer structure with individually protected tubes
- Color coded tubes to identify transmitting and receiving fibers
- Small size and light weight
- Simplify pulling and installation work

Specification:

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

Option:

- Fiber - Single mode, 50µm, 62.5µm multi mode available
- Outer Jacket color
 - Single Mode : Yellow
 - 62.5/125µm 1Gbe : Orange
 - 50/125 µm 1Gbe : Orange
 - 50/125µm 10Gbe : Aqua
- Outer jacket : PVC or LSZH (Low Smoke Zero Halogen)



Color of Buffer

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

Color of Fiber

- 01 - Blue
- 02 - Orange



ORNET



Mechanical Characteristics:

Storage Temperature : -10 to + 70°C / Operating Temperature : 0 to + 60°C

Fiber Count	Nominal Diameter		Nominal Weight		Maximum Tensile Load		Crush Load		Minimum Bend Radius			
	[mm]	[inch]	[kg/km]	[lb/1000ft]	Short Term [N]	Long Term [N]	Short Term [N/cm]	Long Term [N/cm]	Loaded [mm]	Installed [inch]		
2	2.9	0.11	10	0.02	300	150	35	13	58	2.28	29	1.15
4	4.5	0.18	20	0.04	660	300	35	13	90	3.54	45	1.79
6	5.2	0.20	23	0.05	660	300	35	13	104	4.09	52	2.07
8	5.3	0.21	25	0.06	660	300	35	13	106	4.17	53	2.11
12	5.7	0.22	30	0.07	660	300	35	13	114	4.49	57	2.27
16	6.0	0.24	35	0.08	660	300	35	13	120	4.72	60	2.39
24	6.7	0.26	40	0.09	660	300	35	13	134	5.28	67	2.67

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	0.50/4	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

