

PRODUCT HIGHLIGHTS

- RoHS 3 compliant
- Made in U.S.A.
- 250 micron loose tube design allows for higher fiber strand counts in a smaller overall diameter cable
- Multimode & Singlemode cables (except OM1) utilize bend-insensitive optical fibers
- Ideal for MPO (MTP) style connectors
- Each fiber is color coded for easy identification
- Flexible and easy to handle
- Lightweight, flexible aramid yarns enhance strength
- Designed to support Very Small Form Factor (VSFF) multi-fiber optical connectors
- When necessary, color-coded binders separate fiber strands into bundles of 8

OPTIONS

- Enhanced bend insensitive SM optical fiber is available (ITU-T G.657.B3 & G.657.A2)
- 16 Fiber colors available
- Lime Green and Erika Violet Jacket Colors
- OM4+ and OM5 Available
- 190 µm OS2 optical fiber

APPLICATIONS

- Parallel optics in support of 40GbE, 100GbE, 400GbE, 800GbE, and 1.6TbE

STANDARDS

- ANSI/TIA-568.3-D
- ISO/IEC 11801, 2nd edition
- Telcordia GR-409-CORE

TEMPERATURE RANGE

- **Storage Temperature**
-40°C to 70°C
(-40°F to 158°F)
- **Installation Temperature**
0°C to 60°C
(32°F to 140°F)
- **Operation Temperature**
0°C to 70°C
(32°F to 158°F)

DIELECTRIC MATERIALS

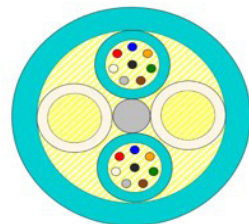
- **Plenum**
Overall Jacket: Flame-retardant Thermoplastic

BASE-8 8-Fiber 2.0mm Subunits

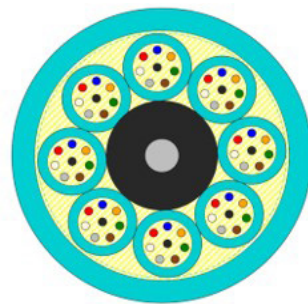
50 µm OM4	8.3 µm SM	FIBER COUNT	NO. OF SUBS	NO. OF FILLERS	Fibers Per Tube	NOMINAL DIAMETER inches/mm	WEIGHT lbs/1000ft kg/km	
62369-16	62365-16	16	4	2	8	0.26" / 6.35mm	22	33
62369-32	62365-32	32	4	0	8	0.26" / 6.35mm	25	37
62369-48	62365-48	48	6	0	8	0.295" / 7.49mm	35	52
62369-64	62365-64	64	8	0	8	0.344" / 8.75mm	49	72
62369-72	62365-72	72	9	0	8	0.367" / 9.32mm	55	82
62369-96	62365-96	96	12	0	8	0.390" / 9.9mm	52	78



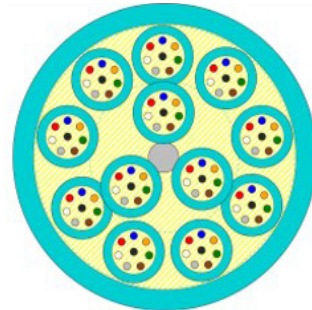
Base-8 16F



Base-8 64F



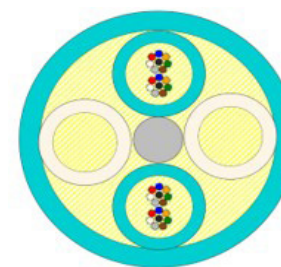
Base-8 96F



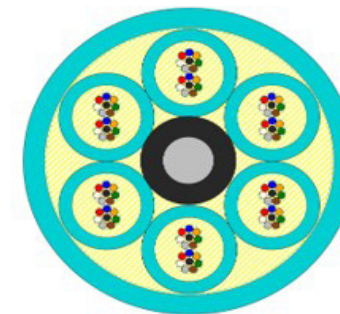
BASE-16 16 Fiber (2X8) 3.0mm Subunits

50 µm OM4	8.3 µm SM	FIBER COUNT	NO. OF SUBS	NO. OF FILLERS	Fibers Per Tube	NOMINAL DIAMETER inches	WEIGHT lbs/1000ft kg/km	
63048-32	63051-32	32	2	2	16	0.352" / 8.94mm	39	58
63048-64	63051-64	64	4	0	16	0.352" / 8.94mm	44	66
63048-96	63051-96	96	6	0	16	0.420" / 10.67mm	61	90
63048-128	63051-128	128	8	0	16	0.480" / 12.19mm	88	131

Base-16 32F



Base-16 96F



Optical Specifications TIA-568.3-D | ISO/IEC 11801, 2nd edition | Telcordia GR-409-CORE

Fiber Type	Max Attenuation (dB/km)		Min OFL Bandwidth (MHz-km)		Min EMBc Bandwidth (MHz-hm)		Gb Ethernet Distance (m)		10 Gb Ethernet Distance (m)	
	850nm (MM)	1300nm (MM)	850nm (MM)	1300nm (MM)	850nm (MM)	1300nm (MM)	850nm (MM)	1300nm (MM)	850nm (MM)	1300nm (MM)
OM1	3.5	1.0	200	500	220	N/A	300	550	33	N/A
OM2	3.0	1.0	700	500	950	N/A	750	550	150	N/A
OM3	3.0	1.0	1500	500	2000	N/A	1000	550	300	N/A
OM4	3.0	1.0	3500	500	4700	N/A	1100	550	550	N/A
OM5*	3.0	1.0	3500	500	4700	N/A	1100	550	550	N/A
	1310nm (SM)	1550nm (SM)	1310nm (SM)	1550nm (SM)	1310nm (SM)	1550nm (SM)	1310nm (SM)	1550nm (SM)	1310nm (SM)	1550nm (SM)
OS2	0.5	0.5	N/A	N/A	N/A	N/A	> 25,000	> 40,000	10,000 - 25,000	40,000



Proterial Cable America, Inc. is continuously improving the performance of our products and the accuracy of the information provided. Due to this, we reserve the right to modify, revise, correct, or change products without notice. Thank you for your understanding.



Diagram scale approx. 5:1

