

### 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
- All multimode, and 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

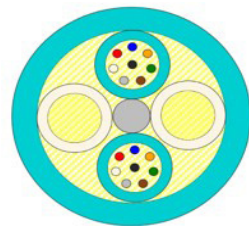
- **Plenum**  
Overall Jacket: Flame-retardant Thermoplastic

### BASE-8 8-Fiber 2.0mm Subunits

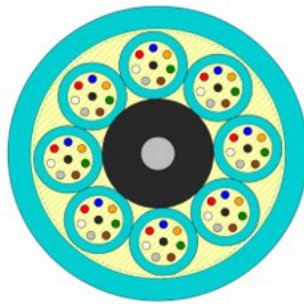
50 µm OM4	8.3 µm SM	FIBER COUNT	NO. OF SUBS	NO. OF FILLERS	Fibers Per Tube	NOMINAL DIAMETER inches	WEIGHT lbs/1000ft kg/km	
62369-16	62365-16	16	4	2	8	0.250	22	33
62369-32	62365-32	32	4	0	8	0.250	25	37
62369-48	62365-48	48	6	0	8	0.295	35	52
62369-64	62365-64	64	8	0	8	0.344	49	72
62369-72	62365-72	72	9	0	8	0.367	55	82
62369-96	62365-96	96	12	0	8	0.390	52	78



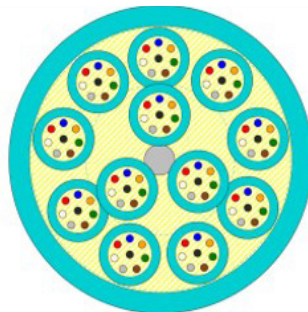
Base-8 16F



Base-8 64F



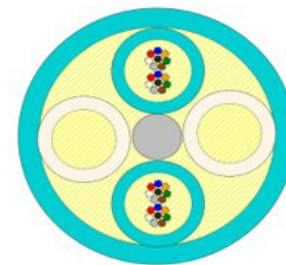
Base-8 96F



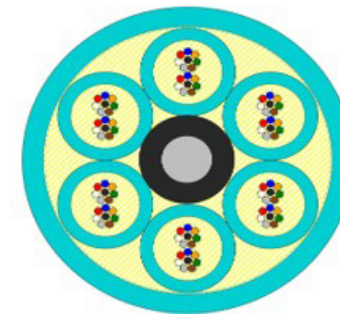
### BASE-16 16 Fiber (2X8) 3.0mm Subunits

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	39	58
63048-64	63051-64	64	4	0	16	0.352	44	66
63048-96	63051-96	96	6	0	16	0.410	61	90
63048-128	63051-128	128	8	0	16	0.480	88	131
63048-192	63051-192	192	12	0	16	0.624	149	222

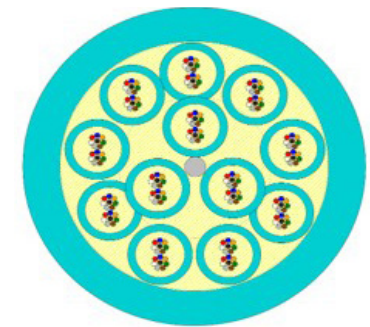
Base-16 32F



Base-16 96F



Base-16 192F



### 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



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Diagram scale approx. 5:1

