

Tactical Cables



Fiber Optic Tactical Cables

Recommended Applications

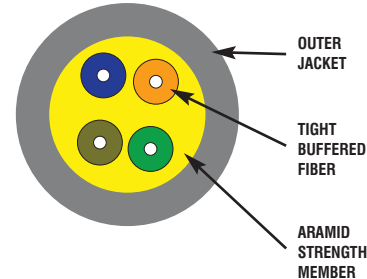
- Re-deployable audio/video communications
- ENG vehicles
- Military communications
- Mining and industrial applications
- Outdoor sporting, news or other broadcast events

Product Features

- Rugged jacket
- Durable design for repeated deployment
- Designed to military standards
- Superior level of crush resistance
- Small and lightweight

Mechanical & Environmental Characteristics

- Crush Resistance (EIA-455-41) 440 N/cm
- Impact Resistance (EIA-455-25) 200 Impacts w/2.2 N-m
- Flexure (EIA-455-104) 2000 Cycles min.
- Min. Bend Radius Long Term – 8x Cable diameter
- Min. Bend Radius Short Term – 15x Cable diameter Load
- Operating Temp. (EIA-455-3) -55°C to +85°C
- Storage Temp. (EIA-455-3) -70°C to +85°C



Single-Mode

Part Number	Fiber Count	Nominal OD		Weight		Min. Bend Radius				Max. Load (Installation)	
		mm	in.	kg/km	lbs/M'	Short Term		Long Term		Newton	lbs.
M96566	2	5.3	.210	28	19	8.3	3.2	4.3	1.7	1468	330
M96639	4	5.7	.225	28	19	8.6	3.4	4.6	1.8	1468	330
M96567	6	6.1	.240	36	24	9.1	3.6	4.8	1.9	1468	330
M96568	8	6.3	.250	39	26	9.7	3.8	6.4	2.5	1468	330
M96569	10	6.7	.265	42	28	10.2	4.0	6.9	2.7	1468	330
M96570	12	6.7	.265	36	24	9.7	3.8	5.1	2.0	1468	330

Multimode (62.5/125 Grade 2)

Part Number	Fiber Count	Nominal OD		Weight		Min. Bend Radius				Max. Load (Installation)	
		mm	in.	kg/km	lbs/M'	Short Term		Long Term		Newton	lbs.
M96571	2	5.3	.210	28	19	8.3	3.2	4.3	1.7	1468	330
M96551	4	5.7	.225	28	19	8.6	3.4	4.6	1.8	1468	330
M96572	6	6.1	.240	36	24	9.1	3.6	4.8	1.9	1468	330
M96573	8	6.3	.250	39	26	9.7	3.8	6.4	2.5	1468	330
M96574	10	6.7	.265	42	28	10.2	4.0	6.9	2.7	1468	330
M96575	12	6.7	.265	36	24	9.7	3.8	5.1	2.0	1468	330

Additional optical fiber versions also available – contact factory.

See optical characteristics on page 30.

For buffer colors see chart C on page 50.

