

FIBER OPTIC CABLE — OUTDOOR DIRECT BURIAL

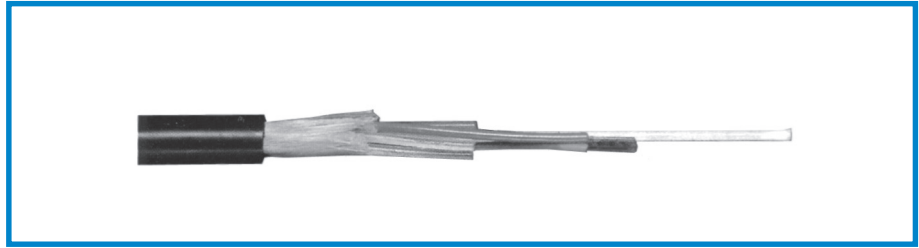
LOOSE TUBE CABLE

Recommended Applications

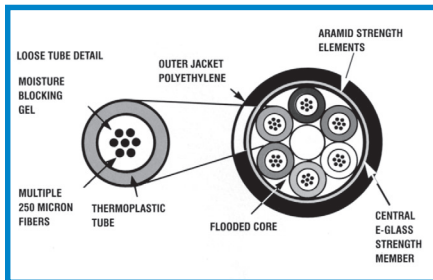
- Building Interconnections
- Telecommunications and data trunk
- Long haul networking
- Ducts between buildings and aerial lashing
- Applications requiring good ozone, moisture, weather resistance

Product Features

- All dielectric central strength member
- Excellent attenuation performance
- Waterblocked gel for moisture protection
- Polyethylene jacket for weather and UV protection
- Breakout kits available
- Fully waterblocked



CUSTOM CATALOG NUMBER	FIBER COUNT	FIBER PER TUBE	OUTSIDE DIAM. IN.	WEIGHT LBS./M	MIN. BEND RADIUS		MAX. LOAD INSTALLATION LBS.
					SHORT TERM INCHES	LONG TERM INCHES	
Outdoor Direct Burial							
F50006(x)	6	6	0.375	45	7.5	5.6	600
F50012(x)	12	12	0.375	46	7.5	5.6	600
F50024(x)	24	12	0.375	46	7.5	5.6	600
F50036(x)	36	12	0.375	48	7.5	5.6	600
F50048(x)	48	12	0.475	71	9.5	7.1	600
F50072(x)	72	12	0.475	72	9.5	7.1	600
F50096(x)	96	12	0.542	96	10.8	8.1	600
F50144(x)	144	12	0.695	151	13.9	10.4	600
F50216(x)	216	12	0.710	150	14.2	10.7	600



Mechanical, Environmental & Flame Characteristics

Crush Resistance	(EIA-455-41)	200N/cm
Impact Resistance	(EIA-455-25)	2000 Impacts w/1.6 N-m
Min. Bend Radius	Long Term - No Load	10x Cable Diameter
Min. Bend Radius	Short Term - Load	15x Cable Diameter
Operating Temp.	—	-20c to +70c
Storage Temp.	—	-40c to +70c

GLASS TYPE	P/N CODE (X)	OPERATING WAVELENGTH	MIN OFL BANDWIDTH (MHz-km)	MIN LASER BANDWIDTH (MHz-km)	MAX. ATTENUATION (db/km)	100 MEGABIT FAST ETHERNET LINK LENGTH (Meters S/L)	1 GIGABIT ETHERNET LINK LENGTH (Meters S/L)	10 GIGABIT ETHERNET LINK LENGTH (Meters S/L)
62.5/125 MM	MM1	850/1300	200/500	220/500	3.25/1.0	300/2000	300/550	35/300
50/125 MM	MM2	850/1300	500/500	510/500	3.0/1.0	300/2000	600/600	85/300
SingleMode	SM	1310/1550	—	—	0.40/0.3	-/5000	-/5000	-/10,000

Custom Cable Corp.