

# FIBER OPTIC CABLE INDOOR/OUTDOOR - PLENUM

UL/cUL TYPE OFNP / OFN FT6

## Recommended Applications

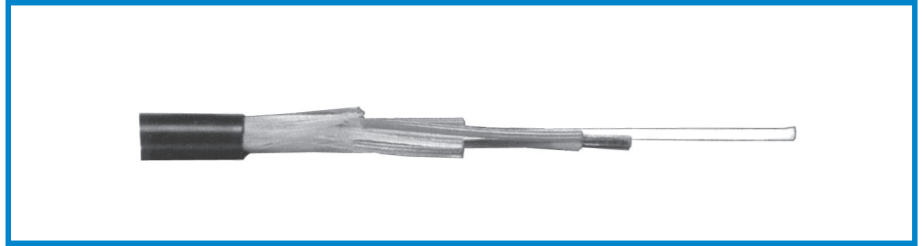
- Campus Backbones
- Interbuilding Installations
- Data Centers
- High Density Cable Trays

## Product Features

- 2 to 144 Fiber
- Small diameter and bend radius facilitate installation in tight spaces
- Fibers and subunits are color coded for ease of identification
- All dielectric construction eliminates the need for grounding fibers grouped into sets of 12 for maximum density

## Options

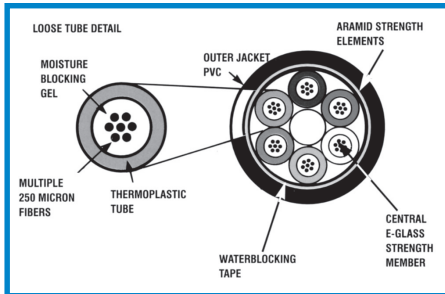
- Available in 50?m, 62.5?m, single-mode, and hybrid construction
- Available in colored jackets or indoor only installation



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	
<b>Indoor/Outdoor UL/cUL Type OFNP/OFN FT6</b>							
F40006(x)	6	6	0.265	33	5.3	4.0	320
F40012(x)	12	12	0.265	33	5.3	4.0	320
F40024(x)	24	12	0.359	47	7.2	5.4	405
F40036(x)	36	12	0.359	47	7.2	5.4	405
F40048(x)	48	12	0.359	48	7.2	5.4	405
F40072(x)	72	12	0.429	71	8.6	6.4	585
F40096(x)	96	12	0.501	105	10.0	7.5	903
F40144(x)	144	12	0.665	189	13.3	10.0	1263

## Mechanical, Environmental & Flame Characteristics

Crush Resistance	(EIA-455-41)	200N/cm
Impact Resistance	(EIA-455-25)	2000 Impacts w/1.6 N-m
Flexure	(EIA-455-104)	2000 cycles min.
Min. Bend Radius	Long Term - No Load	15x Cable Diameter
Min. Bend Radius	Short Term - Load	20x Cable Diameter
Operating Temp.	—	-40c to +70c
Storage Temp.	—	-40c to +80c
UL/cUL Rated	Type OFNP/OFN FT6	
Flame Resistance	NFPA 262 (Plenum)	Passed



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	3.50/1.25	300/2000	300/550	351300
50/125 MM	MM2	850/1300	500/500	510/500	3.50/1.25	300/2000	600/600	85/300
SingleMode	SM	1310/1550	—	—	0.80/0.50	-/5000	-/5000	-/10,000



# Custom Cable Corp.