

FIBER OPTIC CABLE — INDOOR DISTRIBUTION CABLE

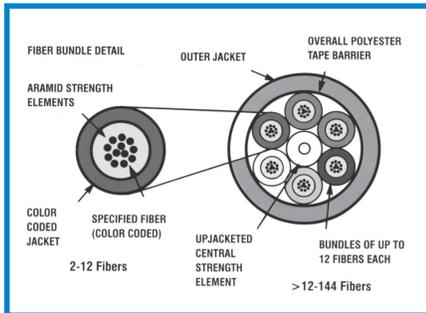
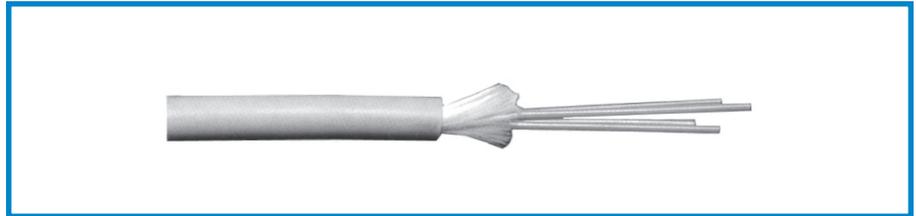
INDOOR RISER UL/cUL TYPE OFNR / OFN FT4
INDOORPLENUM UL/cUL TYPE OFNP / OFN FT6

Recommended Applications

- Riser and Plenum Cabling
- Office Cabling
- Computer room cabling

Product Features

- 900 μm tight buffered fibers color coded for easy termination
- Flame retardant
- UL listed for code compliance
- MHTSA approved cables are available - riser



CUSTOM CATALOG NUMBER	FIBER COUNT	OUTSIDE DIAM. IN.	WEIGHT LBS./M	MIN. BEND RADIUS		MAX. LOAD INSTALLATION LBS.
				SHORT TERM INCHES	LONG TERM INCHES	
RISER						
F20002(x)	2	0.184	13	2.8	1.8	180
F20004(x)	4	0.200	16	3.0	2.0	180
F20006(x)	6	0.220	19	3.3	2.2	270
F20008(x)	8	0.235	22	3.5	2.4	270
F20012(x)	12	0.255	27	3.8	2.6	300
F20024(x)	24	0.496	83	7.4	5.0	960
F20036(x)	36	0.644	137	9.7	6.4	1440
F20048(x)	48	0.627	131	9.4	6.3	945
F20072(x)	72	0.750	195	11.3	7.5	1350
F20096(x)	96	0.895	290	13.4	9.0	1983
F20144(x)	144	0.964	314	14.5	9.6	2745
PLENUM						
F21002(x)	2	0.184	13	2.8	1.8	180
F21004(x)	4	0.174	13	2.8	1.8	195
F21006(x)	6	0.190	15	3.0	2.0	270
F21008(x)	8	0.222	19	3.3	2.2	270
F21012(x)	12	0.225	22	3.4	2.3	300
F21024(x)	24	0.493	89	7.5	5.0	1263
F21036(x)	36	0.604	136	9.2	6.1	1913
F21048(x)	48	0.615	134	9.2	6.2	1245
F21072(x)	72	0.784	217	11.8	7.8	2093
F21096(x)	96	0.961	309	14.4	9.6	3285
F21144(x)	144	1.037	365	15.6	10.4	3645

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	10x Cable Diameter
Min. Bend Radius	Short Term - Load	15x Cable Diameter
Operating Temp.	—	-20°C to +70°C
Storage Temp.	—	-40°C to +80°C
Flame Resistance	UL 1666 (Riser)	Passed
Riser UL/cUL Rated	Type OFNR/OFN FT4	
Flame Resistance	NFPA 262 (Plenum)	Passed
Plenum UL/cUL Rated	Type OFNR/OFN FT6	

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	35/300
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.