

ArmorLite

AdvanceLite®

Heavy Duty Interlock Armored
Riser – UL/cUL Type OFCR/OFC FT4
Plenum – UL/cUL Type OFCP/OFC FT6

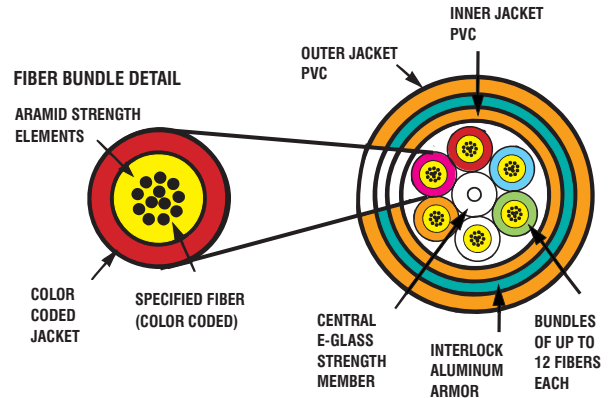


Recommended Applications

- Industrial environments
- Rugged installations
- Mining shafts
- Telecommunications and data trunk
- Replacement for innerduct
- Below data center access floor

Product Features

- 900 μm tight buffered fibers
- Excellent mechanical protection
- Heavy duty construction
- Eliminates need for innerduct
- Versions available for outside plant
- Colored armor available



Mechanical & Environmental Characteristics

- Crush Resistance (EIA-455-41) 2000 N/cm
- Impact Resistance (EIA-455-25) 2000 Impacts w/3 N-m
- Min. Bend Radius Long Term 15x Cable
- Min. Bend Radius Short Term 20x Cable
- Operating Temp. – -20°C to +70°C
- Installation Temp. – 0°C to +60°C
- Storage Temp. – -40°C to +70°C
- UL/cUL rated Type OFCR / OFC FT4
- Flame Resistance UL 1666 Passed
- UL/cUL Rated Type OFCP / OFC FT6
- Flame Resistance UL 910 Passed

Plenum

Part Number	Fiber Count	Outside Diameter		Weight		Min. Bend Radius				Max. Load (Installation)	
		mm	in.	kg/km	lbs/M'	Short Term		Long Term		Newtons	lbs.
M9X240	6	12.2	.481	134	90	24.4	9.6	18.3	7.2	1201	270
M9X241	12	12.85	.506	153	103	25.7	10.1	19.3	7.6	1334	300
M9X242	24	16.03	.631	225	151	32.0	12.6	24.1	9.5	1735	390
M9X243	24	19.84	.781	201	135	39.6	15.6	29.7	11.7	5618	1263
M9X244	36	22.38	.881	460	309	44.7	17.6	33.5	13.2	8509	1913
M9X245	48	22.38	.881	439	295	44.7	17.6	33.5	13.2	5538	1245
M9X246	72	26.19	1.031	644	433	52.3	20.6	39.4	15.5	9310	2093
M9X247	96	30.63	1.206	905	608	61.2	24.1	46.0	18.1	9608	2160
M9X248	144	33.81	1.331	1022	687	67.6	26.6	50.8	20.0	16213	3645

For "X" in part number see optical characteristics on page 43.

For Buffer colors see chart C on page 64.

