

# Riser Distribution



AdvanceLife®

Riser UL/cUL Type OFNR/OFN FT4

**Recommended Applications**

- Intrabuilding backbone cabling
- Work area cabling
- Computer room cabling

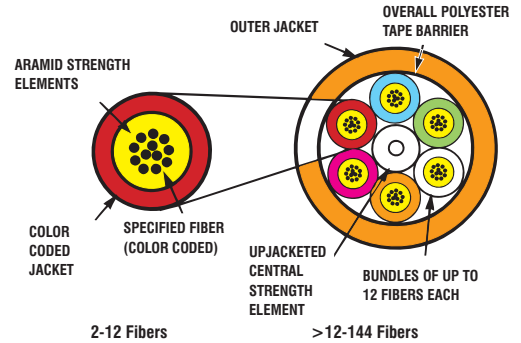
**Product Features**

- 900 μm tight buffered fibers
- Color coded for easy termination
- UV and Flame Retardant
- UL listed for code compliance
- MSHA approved cables are available
- LSZH cables are also available

**Mechanical, Environmental & Flame Characteristics**

- Crush Resistance (EIA-455-41) 2000 N/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
- Installation Temp. – -10°C to +60°C
- Storage Temp. – -40°C to +80°C
- UL/cUL Rated Type OFNR / OFN FT4
- Flame Resistance UL 1666 Passed

FIBER BUNDLE DETAIL



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.
M9X037	2	4.67	.184	19	13	7.0	2.8	4.7	1.8	801	180
M9X038	4	5.08	.200	24	16	7.6	3.0	5.1	2.0	867	195
M9X039	6	5.59	.220	28	19	8.4	3.3	5.6	2.2	1201	270
M9X040	8	5.97	.235	33	22	8.9	3.5	6.1	2.4	1201	270
M9X042	12	6.48	.255	40	27	9.6	3.8	6.6	2.6	1334	300
M9X601*	24	8.26	.325	63	42	12.4	4.9	8.4	3.3	1735	390
M9X602	24	12.60	.496	124	83	18.8	7.4	12.7	5.0	4270	960
M9X604	36	16.36	.644	204	137	24.6	9.7	16.5	6.4	6405	1440
M9X606	48	15.93	.627	195	131	23.9	9.4	16.0	6.3	4203	945
M9X609	72	19.10	.750	290	195	28.6	11.3	19.1	7.5	6005	1350
M9X622	96	22.73	.895	432	290	34.0	13.4	22.9	9.0	8820	1983
M9X619	144	24.49	.964	467	314	36.8	14.5	24.4	9.6	12,210	2745

For "X" in part number see optical characteristics on page 43. \*Single jacket version.

For Buffer and Inner Jacket colors see chart C on page 64.



# Plenum Distribution



AdvanceLife®



Plenum UL/cUL Type OFNP/OFN FT6

**Recommended Applications**

- Intrabuilding backbone cabling
- Work area cabling
- Computer room cabling

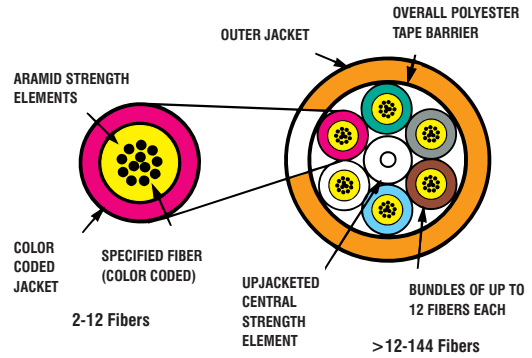
**Product Features**

- 900 μm tight buffered fibers
- Color coded for easy termination
- Flame Retardant
- UL listed for code compliance

**Mechanical, Environmental & Flame Characteristics**

- Crush Resistance (EIA-455-41) 2000 N/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
- Installation Temp. – 0°C to +60°C
- Storage Temp. – -40°C to +80°C
- UL/cUL Rated Type OFNP / OFN FT6
- Flame Resistance UL 910 Passed

FIBER BUNDLE DETAIL



Part Number	Fiber Count	Outside Diameter		Weight		Min. Bend Radius				Max. Load (Installation)	
		mm	in.	kg/km	lbs/M'	Short Term		Long Term		Newton	lbs.
M9X043	2	4.67	.184	21	14	7.0	2.8	4.7	1.8	801	180
M9X044	4	4.42	.174	19	13	7.0	2.8	4.7	1.8	867	195
M9X045	6	4.83	.190	24	16	7.6	3.0	5.1	2.0	1201	270
M9X046	8	5.64	.222	28	19	8.5	3.3	5.6	2.2	1201	270
M9X048	12	5.72	.225	33	22	8.6	3.4	5.8	2.3	1334	300
M9X611*	24	8.38	.330	60	40	12.4	4.9	8.4	3.3	1735	390
M9X612	24	12.52	.493	132	89	19.0	7.5	12.6	5.0	5618	1263
M9X614	36	15.09	.594	199	134	22.6	8.9	15.0	5.9	8509	1913
M9X616	48	15.21	.599	195	131	22.9	9.0	15.2	6.0	5538	1245
M9X620	72	19.15	.754	293	197	28.7	11.3	19.1	7.5	9310	2093
M9X623	96	22.96	.904	478	321	34.5	13.6	22.9	9.0	10,422	2343
M9X621	144	26.59	1.047	539	362	39.9	15.7	26.7	10.5	16,213	3645

For "X" in part number see optical characteristics on page 43. \*Single jacket version.

For Buffer and Inner Jacket colors see chart C on page 64.

