

Riser Breakout



AdvanceLite®

2.0 mm sub-unit –
Riser UL/cUL Type OFNR/OFN FT4

Recommended Applications

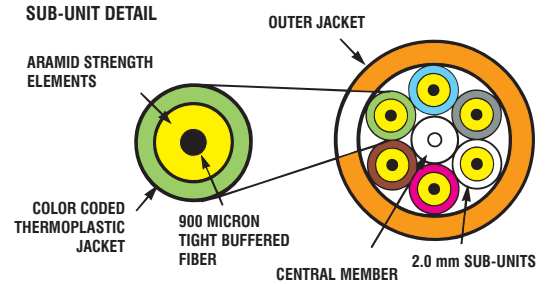
- Intra-building backbone cabling
- Work area cabling
- Computer room cabling
- Factory floor automation

Product Features

- 900 μm tight buffered fibers
- Color coded for easy termination
- Flame Retardant
- UL listed for code compliance
- Direct connectorization
- MSHA approved cables are available
- ABS LSZH available
- Also available in a 2.5mm sub-unit

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



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.
M9X005	2	6.60	.260	36	24	9.9	3.9	6.6	2.6	1068	240
M9X006	4	8.15	.321	52	35	12.2	4.8	8.1	3.2	1535	345
M9X007	6	9.09	.358	80	54	13.6	5.4	9.1	3.6	2415	543
M9X008	8	10.29	.405	103	69	15.4	6.1	10.3	4.1	2700	600
M9X009	10	11.56	.455	128	86	17.3	6.8	11.5	4.5	2700	600
M9X010	12	13.06	.514	164	110	19.6	7.7	13.1	5.1	2700	600
M9X011	18	13.21	.520	155	104	19.8	7.8	13.2	5.2	2700	600
M9X012	24	14.99	.590	201	135	22.6	8.9	15.0	5.9	2700	600
M9X083	36	17.27	.680	250	168	25.9	10.2	17.3	6.8	2700	600

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

For fiber counts 2 – 12 see chart C on page 64. For greater than 12 fibers, jackets are orange or aqua (MM) or yellow (SM) and numbered.



Plenum Breakout

AdvanceLife®



2.0 mm sub-unit –
Plenum UL/cUL Type OFNP/OFN FT6

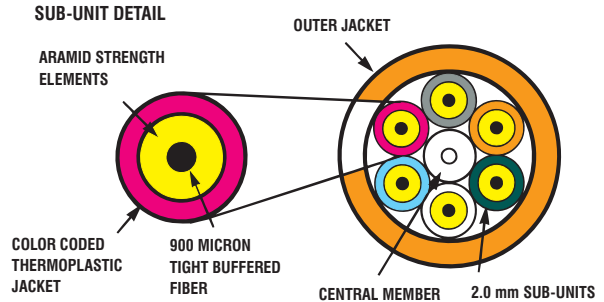


Recommended Applications

- Plenum and Riser backbone cabling
- Work area cabling
- Computer room cabling
- Factory floor automation

Product Features

- 900 μm tight buffered fibers
- Color coded for easy termination
- Flame Retardant
- UL listed for code compliance
- Direct connectorization
- Also available in a 2.5mm sub-unit



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

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.
M9X013	2	5.84	.230	30	20	8.9	3.5	5.8	2.3	801	180
M9X014	4	6.68	.263	45	30	9.9	3.9	6.6	2.6	1535	345
M9X015	6	7.85	.309	61	41	11.7	4.6	7.9	3.1	2068	465
M9X016	8	8.53	.336	82	55	13.0	5.1	8.7	3.4	2700	600
M9X017	10	9.78	.385	109	73	14.7	5.8	9.8	3.9	2700	600
M9X018	12	9.93	.391	89	60	15.0	5.9	9.9	3.9	2700	600
M9X019	18	11.58	.456	132	89	17.3	6.8	11.4	4.5	2700	600
M9X020	24	13.82	.544	174	117	20.6	8.1	13.7	5.4	2700	600
M9X082	36	15.54	.612	229	154	23.6	9.3	15.7	6.2	2700	600

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

For fiber counts 2 – 12 see chart C on page 64. For greater than 12 fibers, jackets are orange or aqua (MM) or yellow (SM) and numbered.

