

Micro Loose Tube Breakout Style Cable

Loose Tube – Outdoor, Indoor/Outdoor OFN & Indoor/Outdoor Riser Rated

Applications

- Ducts between buildings (above or below frost lines)
- Lashed aerial
- Telecommunications and data trunk

Product Description

Easy handling and termination of a breakout style cable. Loose buffer dimensions compatible with standard connectors (900 µm). Waterblocking gel for moisture protection. Breakout kits not required for connectorization.

Jacket Material	
Outdoor	PE
Riser	PVC
General Purpose	TPE
Buffer tube	
Outdoor + Riser	PBT
Strength Elements	
	Aramid Yarn
Strength Member(s)	
	Upjacketed Aramid
Color Codes (Jacket & Fibers)	
	Per EIA/TIA 598-A, see page 10.2
Jacket Color	
	Black

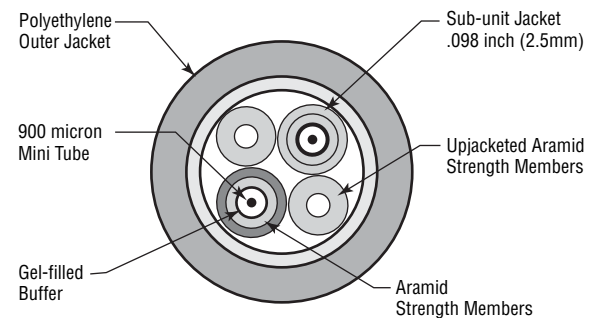
Ratings

Riser	
UL Type	OFNR
cUL Type	OFN FT4
Flame Resistance	UL 1666
General Purpose	
UL/cUL Type	OFN
Flame Resistance	UL 1581

Specifications

Temperature Range	
Storage	-40 to +70°C
Operating	-20 to +70°C
Crush Resistance (EIA-455-41)	
	600 N/cm
Impact Resistance (EIA-455-25)	
	20 Impacts @ 1.0 N-m
Min. Bend Radius	
Installation	20 x OD
Long Term	15 x OD
Optical Specifications	
	See page 10.2

Fiber Bundle Detail



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No. of Fibers	Belden Part Number				Outside Diameter		Weight		Max. Install Load	
	62.5 / 125µm Std. / 1 Gbe	50 / 125µm Std. / 1 Gbe	50 / 125µm 10 Gbe – 300M	Single-mode Enhanced	Inch	mm	Lbs./1000'	kg/km	Lbs.	N
Micro Loose Tube Series										
Outdoor										
1	M9B700	M9A700	M9C700	M9W700	0.340	8.64	41	61	330	1468
2	M9B701	M9A701	M9C701	M9W701	0.360	9.14	41	61	345	1535
4	M9B702	M9A702	M9C702	M9W702	0.360	9.14	39	58	285	1267
6	M9B703	M9A703	M9C703	M9W703	0.418	10.62	54	80	405	1801
8	M9B704	M9A704	M9C704	M9W704	0.478	12.14	76	113	600	2700
12	M9B705	M9A705	M9C705	M9W705	0.614	15.60	129	192	600	2700
Indoor/Outdoor OFN										
1	M9B720	M9A720	M9C720	M9W720	0.344	8.74	50	74	330	1468
2	M9B721	M9A721	M9C721	M9W721	0.364	9.25	51	76	345	1535
4	M9B722	M9A722	M9C722	M9W722	0.364	9.25	49	73	285	1267
6	M9B723	M9A723	M9C723	M9W723	0.424	10.72	68	101	405	1801
8	M9B724	M9A724	M9C724	M9W724	0.482	12.24	77	115	600	2700
12	M9B725	M9A725	M9C725	M9W725	0.618	15.70	130	193	600	2700
Indoor/Outdoor Riser										
1	M9B740	M9A740	M9C740	M9W740	0.352	8.94	54	80	330	1468
2	M9B741	M9A741	M9C741	M9W741	0.372	9.45	55	82	345	1535
4	M9B742	M9A742	M9C742	M9W742	0.372	9.45	51	76	285	1267
6	M9B743	M9A743	M9C743	M9W743	0.432	10.97	74	110	405	1801
8	M9B744	M9A744	M9C744	M9W744	0.490	12.45	94	140	600	2700
12	M9B745	M9A745	M9C745	M9W745	0.626	15.90	151	229	600	2700

Please contact the Technical Support Group for proper connectivity integration and installation guidance.

All optical fiber products can be supplied in compliance with RoHS regulations. Please contact Customer Service for more details.