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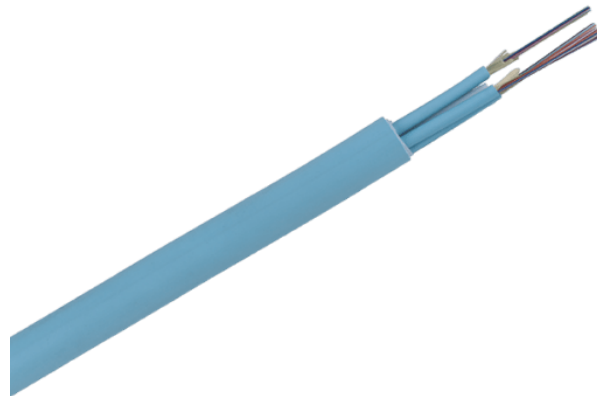
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Micro Distribution Cables



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Micro Distribution Cables

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Opticonx Micro Distribution Cables utilize 3.0 mm sub-units of twelve 250 micron color-coded buffered optical fibers, surrounded by dielectric strength members and jacket. The sub-units are cabled with additional dielectric strength members and a flame retardant

overall jacket. These cables are ideally suited for pre-connectorized MTP[®] trunk cables but can also be field terminated using [Opticonx SPK series breakout kits](http://www.opticonx.com/all-products/fiber-optic-splitter-kits/attachment/spku-combined/) (<http://www.opticonx.com/all-products/fiber-optic-splitter-kits/attachment/spku-combined/>). These cables meet the requirements for National Electrical Code (NEC Article 770) and are OFNP and FT-6 listed for plenum, riser or general purpose applications and OFCP and FT-6 for Armored Micro Distribution Cables.

Specification Tables

Fiber Performance Specifications for Multimode

Fiber Performance Code	21	27*	28*	29*
Fiber Designation	OM1	OM2	OM3	OM4
Core/Cladding	62.5/125um	50/125um	50/125um	50/125um
Max Attenuation dB/km @ 850/1300nm	3.5/1.0	2.8/1.0	2.8/1.0	2.8/1.0
Minimum Bandwidth (OFL) MHz.km @ 850/1300nm	200/500	700/500	1500/500	3500/500
Minimum Bandwidth (EMB) MHz.km @ 850nm	N/A	950	2000	4700
1G Transmission distance (meters) @ 850/1300nm	500/1000	750/600	1000/600	1040/600
10G Transmission distance (meters) @ 850/1300nm	66/300**	150/300**	300/300**	550/300**
40/100G Transmission distance (meters) @ 850/1300nm	N/A	N/A	100	150

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