



Plug & Play

Pre-Terminated Cables for Plug & Play Installations

Recommended Applications

- Intra-building installations
- Data centers

Product Features

- **2 - 144 Fibers**
- **Maximum Density, Minimum Diameter**
Fibers are grouped in sets of 12. Small diameter and bend radius facilitate installation in tight spaces.
- **Easy Identification and Installation**
Subunits are color-coded for identification. All-dielectric construction eliminates the need for grounding. Fibers terminated in MPO connectors.



Options

- Available in 50 μm, 62.5 μm, single-mode, and hybrid constructions.
- Available in colored jackets.

Mohawk's unique data center assemblies* combine compact size with industry standard MPO terminations to facilitate quick installations with maximum flexibility. Cable diameters are reduced by as much as 35% to save space in cable management pathways. The MPO terminations allow the cables to plug into a variety of manufacturers' fiber cassettes which convert the MPO interface to an LC, SC, ST or other connector style. Factory terminations provide a pre-qualified high performance connection which removes the variability of field polishing from the link. All cables are plenum (OFNP) rated to allow them to be installed in any interior location. The fiber performance can be specified using Mohawk's grading system to match the application. Hybrid cables, combining different fiber types, can also be specified. All lengths over 10m come standard with one pulling eye.

MD - X CCC - LLLF

Part No.
Example: **MD - C 024 - 200F**
(Grade 5 24-fiber cable, 200 foot assembly)

- MD** = Mini-Distribution Cable
- MA** = Mini-Distribution Interlock Armor Cable
- X** = Fiber Type
- CCC** = Fiber Count (12 - 144)
- LLL** = Length of Assembly (feet)

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

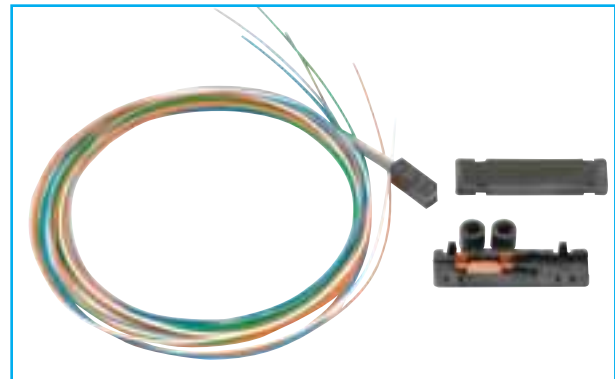
*Polarity per TIA/EIA array connector cable type "A". Other methods available upon request

For Copper Plug & Play Assembly see page 37.

Breakout Kit

This Field Breakout Kit is designed to attach to one tube of a loose tube cable and has either six or twelve 900 μm tubes that hold each of the coated fibers. For each end of the cable, one kit is needed for every tube. For example, part number M9B511T has two tubes with six 62.5/125 fibers each. This cable requires four field breakout kits; two for each end of the cable.

The kit is available in two sizes to accommodate the two different tube sizes which are manufactured by Mohawk. For tubes containing one to six fibers, the diameter is 0.075" (1.9 mm) and for tubes containing seven to twelve fibers, the diameter is 0.110" (2.8 mm). Every kit is shipped with a complete set of instructions.



Part Number	Tube Diameter	Fibers/Tube
AX101100	0.075" (1.9 mm)	≤ 6
AX101101	0.110" (2.8 mm)	7-12