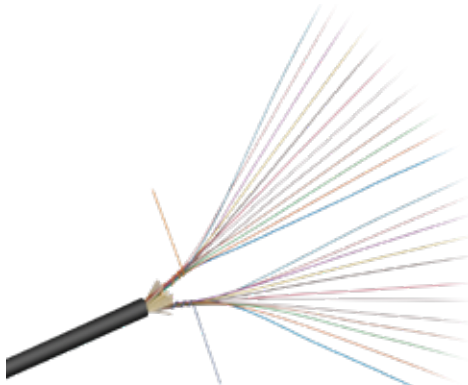




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M-Pack® Indoor/Outdoor MDU Drop Cable

Enhanced for Fiber-to-the-Subscriber (FTTx) and Multiple Dwelling Unit (MDU) Applications



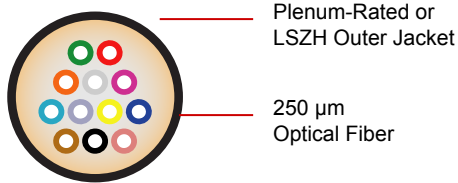
M-Pack BackBone Cable

Features

- Compact and lightweight Multiple Dwelling Unit (MDU) drop cable
- Meets the Indoor/Outdoor Drop requirements of MDU FTTx Application (ICEA-S-730 TPR-9424)
- Plenum-rated or LSZH for MDU spaces; rated for indoor/outdoor use
- EZ-Bend® Ultra-Bend Insensitive Fiber for tight bend routing without concern for attenuation loss
- Single fiber and multi-fiber designs

Benefits

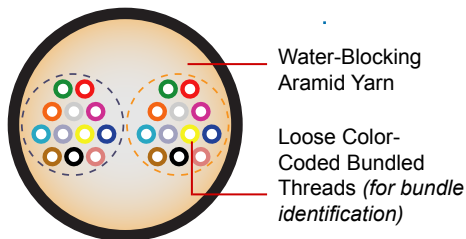
- Small outer diameter for more efficient duct utilization
- Allows direct routing from building exterior into living areas
- Ease of deployment and termination through MDU units
- “Staple-ready” cable for easier routing and high compressive load resistance
- Versatile cable design for a wide range of applications



12-Fiber Cable

Plenum-Rated or LSZH Outer Jacket

250 µm Optical Fiber



24-Fiber Cable

Water-Blocking Aramid Yarn

Loose Color-Coded Bundled Threads (for bundle identification)

Product Description

The M-Pack Indoor/Outdoor (I/O) MDU Drop Cable's enhanced, plenum-rated design, water-blocking properties and UV-resistant jacket combine to create a cable that allows an outdoor cable route to pass directly into MDU or Individual Living Unit (ILU) plenum spaces to speed routing and installation. This compact, lightweight cable is an excellent choice for FTTx MDU installations and is offered with a black or white jacket to blend with existing décors.

Why the M-Pack Indoor/Outdoor MDU Drop Cable?

The M-Pack I/O MDU Drop Cable's versatile Indoor/Outdoor design allows it to be routed around the outer perimeter of a building and then directly into an MDU or ILU, helping to save time and money by eliminating the need for external transition boxes. In addition, OFS' EZ-Bend Ultra-Bend Insensitive Optical Fiber allows this cable to be installed around corners from the building exterior to the premises interior without concern for performance.

The M-Pack I/O MDU Drop Cable is an outstanding option for a variety of FTTx applications including (1) short-run installations from the curb to the MDU interior using conduit; (2) routing from the building exterior directly into the MDU or ILU; and (3) FTTx splice applications (allows faster splice preparation).



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M-Pack® Indoor/Outdoor MDU Drop Cable

| Specifications | MO30 | MO38 |
|---|--|----------------------------------|
| Fiber Count | 12 | 24 |
| Outer Diameter - in. (mm) | 0.12 (3.0) | 0.15 (3.8) |
| Weight - lb/kft (kgm/km) | 6.2 (9.2) | 9.2 (13.7) |
| Maximum Tensile - lb (N) | 50 (222) | 50 (222) |
| CPR Rating | LSZH Versions: Dca-s1, d0, a1 | LSZH Versions: Dca-s1, d1, a1 |
| DoP Lookup: www.ofs-sales.com/cpr/ | MO30-XXX-A-H (XXX = Fiber Count) | MO38-XXX-A-H |

Performance Standard

The M-Pack Indoor/Outdoor MDU Drop Cable meets all or portions of Telcordia GR-409/ICEA-S-83-596/ICEA-S-104-696/ICEA-S-115-730 and TIA-568. Plenum-rated cables are UL® listed as compliant with NEC® Article 770 as Type OFNP. LSZH-rated cable are compliant to IEC-60332-3C.

Handling Temperature

Installation: -4 °F to 140 °F (-20 °C to 60 °C)
Operation: -40 °F to 158 °F (-40 °C to 70 °C)
Storage: -40 °F to 158 °F (-40 °C to 70 °C)

Fiber Type²

| Code | Descriptor | Grade | 1310 nm | 1550 nm | MCA (Z) |
|----------|---|----------|-----------|-----------|---------|
| D | EZ-Bend® Ultra-Bend Insensitive Single-Mode Optical Fiber | G.657.B3 | 0.4 dB/km | 0.3 dB/km | 4 |

M-Pack® Indoor/Outdoor MDU Drop Cable Ordering Information

Example: MO30-012B-DPK-4¹

Part Number: MONN - NNN C - WXY - Z

MO = M-Pack Indoor/Outdoor MDU Drop Cable

NN = Cable Size

30 = 3.0 mm M-Pack Cable (4-12 Fibers)

38 = 3.8 mm M-Pack Cable (16 and 24 Fibers)

NNN = Fiber Count

001, 004, 006, 008, 012, 016 & 024

C = Cable Version

B = Plenum

A = LSZH

W = Fiber Type (see chart to the left)

D = EZ-Bend® Ultra Bend Insensitive Optical Fiber (G.657.B3)

X = Jacket Material (Flame Retardant)

P = Plenum

H = LSZH

Y = Jacket Color

K = Black

W = White

Z = Maximum Cable Attenuation (MCA)

4 = 0.4/0.3 dB/km @ 1310/1550 nm

¹ Part Number shown is for an M-Pack Indoor/Outdoor MDU Drop Plenum-Rated Cable with 12 EZ-Bend Ultra-Bend Insensitive Fibers and standard cable print.
OFS M-PACK® EZ-BEND® G.657.B3 OPTICAL CABLE –C– M030-012B-DPK-4 9/125 OFNP-FT6 C(UL) OFNP {MM/YY} {Lot No} {LENGTH IN FEET}

² Contact OFS Order Management for information on other cable variations including additional fiber types, attenuation and custom cable print.

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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