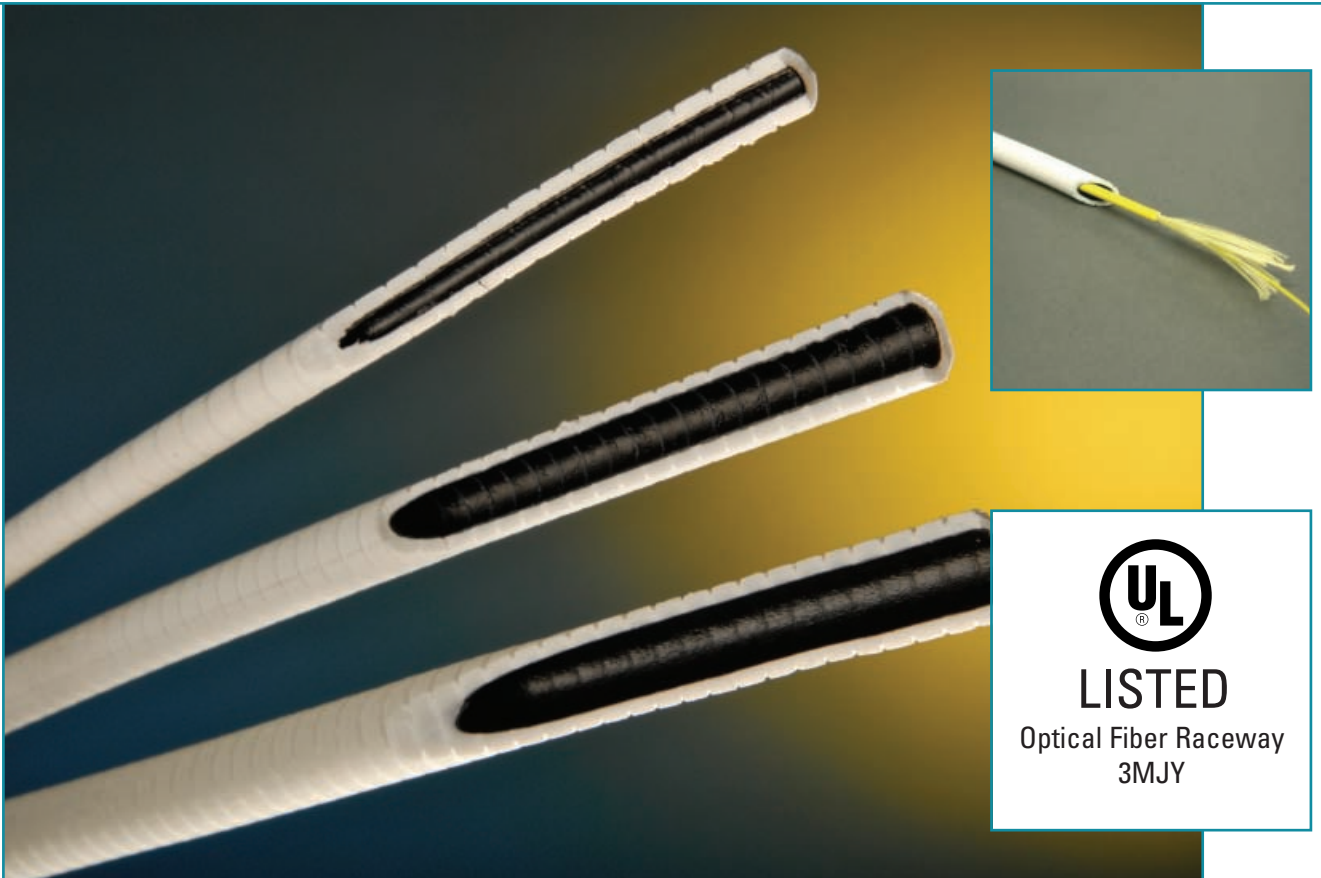


Protection Tubes




LISTED
Optical Fiber Raceway
3MJY

DVC™ Microduct

The Miniflex DVC™ Microduct is a small UL listed optical cable raceway for use in premises' local access infrastructure. It is particularly suited to deploying fibre to MDU's where multiple bends are likely to be encountered in laying out the fibre pathway. This Microduct does not require expensive blowing equipment to install fibre through it.

The Miniflex DVC™ Microduct has high crush resistance and bend-limiting features. It has a smooth bore with a unique velocity conserving lining that enables quick and easy fibre cable installation either by pushing, pulling or blowing.

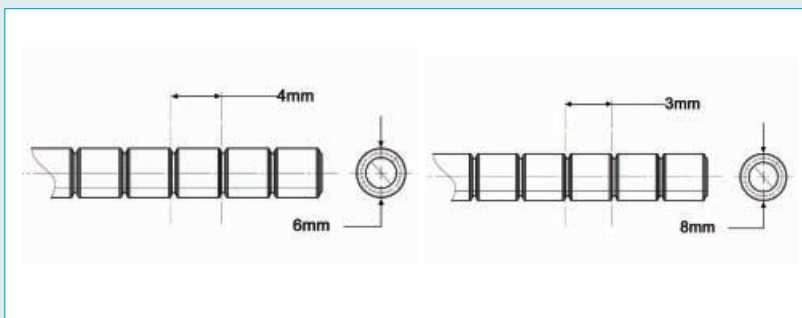
For an optical fibre infrastructure, this fire retardant, low smoke, zero halogen (LSZH) inner-duct can be used as a general purpose pre-installed product for burial in rendered walls and floors, or used in risers, cable ducts, cable troughs or surface-laid over ceilings. A plenum rated version is under development.

For external applications, direct burial or multiple sub-duct installations, UV-stabilized black polypropylene versions offer high levels of protection with bend limiting flexibility.

Application

The DVC™ Microduct from Miniflex is designed for use in the last few hundred metres of Fibre-to-the-Premises (FTTP) installations. In tests it has been shown that Miniflex's TuffNut™ Cable can be pushed through a complex DVC™ Microduct route of approximately 100m with 16 bends of 90° at 6-inch radius in 3 minutes. With standard jumper cables the installation time into this route was still less than 5 minutes.

In a Multi Dwelling Unit (MDU), the DVC™ Microduct presents a craft-friendly conduit that is easy to install and can withstand rough handling.



Features & Benefits

- UL listed for riser and general purpose applications
- Superior crush protection and bend limiting
- Super low friction DVC™ lining
- Very smooth inner bore
- Available with 100 lb (45N) pull cord
- Permits very quick fibre installation
- Sequential length markings
- Standard reel sizes of 300m, 500m and 1000m or equivalent in feet
- Choose from 4 sizes (see below)

Ordering Information

Part No.	Tube Sizes
OFMD-10.0-6.4-PE-WHT-V0-LSZH	10 mm OD x 6.4 mm ID
OFMD-8.0-5.4-PE-WHT-V0-LSZH	8 mm OD x 5.4 mm ID
OFMD-6.35-4.0-PE-WHT-V0-LSZH	6.35mm OD x 4.0 mm ID
OFMD-6.0-2.5-PE-WHT-V0-LSZH	6.0mm OD x 2.5mm ID

For external use substitute BLK-UVS, for example:
OFMD-8.0-5.4-PE-BLK-UVS



Key Data

DVC™ main benefits:

- UL rated, tough, rugged, protective sheath
- Buckling resistance that allows push-in installation
- Craft-friendly flexible conduit
- Hard, smooth low-friction bore
- For Outside Plant (OSP) applications (Non UL listed) the DVC™ Microduct is available in either UV-stabilised polypropylene (UVPP) or high density polyethylene (HDPE) materials.

Further information on the full range of Miniflex FTTH products (including: WAM™, SNAC™ and Quikpush™) can be found on our website.

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OPTICAL FIBRE PROTECTION SYSTEMS