



Application

Customer drop cable for blown and short distance pushed installation into micro ducts

Design

- Optical Fibres
- Core Element
- Tensile Strength Elements
- Low Friction Sheath

Features

- All Dielectric Cable
- Dry Water Blocking Technology
- Easy Fibre Access
- Robust Low Friction Sheath
- Light Weight

Version illustrated is the 12 Fibre Cable

Fibre Count
2
4
6
8
12

Sheath Marking (Inkjet)

OFS MIDDIBREEZE OPTICAL CABLE [ID] [MM/YYYY] xxF AW FLEX [Meter Marking]

Alternative Sheath printing available on request

For 2 and 4 fibers:

Cable Diameter (nom.): 2.4 mm
Cable Weight (nom.): 4 kg/km

For 6 and 8 fibers:

Cable Diameter (nom.): 2.5 mm
Cable Weight (nom.): 5 kg/km

For 12 fibers:

Cable Diameter (nom.): 2.6 mm
Cable Weight (nom.): 6 kg/km

Identification

Fibre Colour Code:

1	Blue	5	Grey	9	Yellow
2	Orange	6	White	10	Violet
3	Green	7	Red	11	Rosa
4	Brown	8	Black	12	Aqua

Mechanical Properties and Environmental Behaviour

Tests according to EN 187105 and IEC 60794

	Parameter	Requirement	Value
Tensile Performance: EN 187105-5.5.4 IEC 60794-1-2-E1A and E1B	Short term load, during installation	- No changes in attenuation before versus after load* - Max. fibre strain 0.40%	Load: 100 N
Crush Performance: EN 187105-5.5.3 IEC 60794-1-2-E3	Short term load	- No changes in attenuation before versus after load* - No damage**	Load: 500 N
Bending Performance: EN 187105-5.5.1 IEC 60794-1-2-E11	Handling fixed installed During installation (under load)	- No attenuation increase* - No changes in attenuation before versus after load*	Bend radius: 70 mm Bend radius: 140 mm
Temperatures: EN 187105-5.6.1 IEC 60794-1-2-F1	Operation Installation Storage/Shipping	- No attenuation increase*	-40 to +70°C - 5 to +40°C -40 to +70°C

*No changes in attenuation means that any changes in measurement value, either positive or negative within the uncertainty of measurement shall be ignored. The total uncertainty of measurement shall be less than or equal to 0.05 dB.

**Mechanical damage – when examined visually without magnification, there shall be no evidence of damage to the sheath. The imprint of plates will not be considered as damage.

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For additional information please contact your sales representative.

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