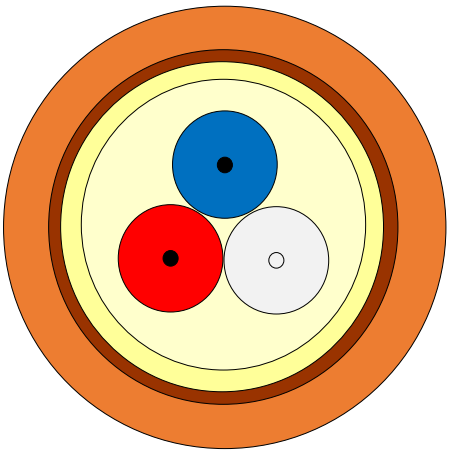
Optical Customer Drop Cable

All Dielectric Design

MiDia®200 Micro Breeze / K1-3493

Issue March 2019
according to **Customised OFS Generic Specification**



Application
Customer drop cable for blown and short distance pushed installation

Design
- Optical Fibres
- Core Element
- Tensile Strength Elements
- Low Friction Jacket

Features
- FTTx-Fibre: 200µm AllWave® *FLEX* Fibre G.657.A1 for small form factor
- All Dielectric Cable
- Easy Fibre Access
- Robust Low Friction Sheath
- Light Weight

Version illustrated is the 2 Fibre Cable

Identification

Fibre Colour Code:

1	Red	**2**	Blue	**3**	Filler*

*Fillers will be natural coloured

Cable Diameter (nom.): **1.8 mm**
Cable Weight (nom.): **3 kg/km**
OFS AT-Code*: **AT-8EE8BD2-002**
*Please refer to the OFS AT- Code.

Sheath Marking:

OFS OPTICAL CABLE MIDIA200 MICRO BREEZE [ID] [MM/YYYY] [Handset Sign] 002F [Meter Marking

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Mechanical Properties and Environmental Behaviour

Tests according to **IEC 60794**

	Parameter	Requirement	Value
Tensile Performance: IEC 60794-1-21-E1A and E1B	Short term load, during installation	- No changes in attenuation before versus after load* - Max. fibre strain 0.6%	Load: 150 N
Crush Performance: IEC 60794-1-21-E3A	Short term load	- No changes in attenuation before versus after load* - No damage**	Load (Plate / Plate): 500 N
Cable Bending:	Handling fixed installed	- No attenuation increase*	Bend radius: 30 mm
IEC 60794-1-21-E11	During installation (under load)	- No changes in attenuation before versus after load*	Bend radius: 60 mm
Fibre Unit Bending: IEC 60794-1-22-G1	Handling fixed installed	- No attenuation increase*	Bend radius: 25 mm
Temperatures: IEC 60794-1-22-F1	Operation Installation Storage/Shipping	- No attenuation increase*	-30 to +70°C -15 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 of 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.

Shipping Information

Maximum Cable Length: 6000 m

At least ninety five (95) per cent of cables will be delivered in lengths as specified in the confirmed order within +5% and –0% tolerance. Not more than 5% of cables may be of lengths less than those specified in the confirmed order and with a maximum deviation of –10%. To account for minor attenuation variation along a master length of input fibre, OFS warrants that ninety (90) per cent of all fibres within a cable delivery will have attenuations equal to or less the specified limits. The remaining fibres will be allowed to have a maximum attenuation limit of 0,01dB/km above the upper specification limit.

For additional information please contact your sales representative.
You can also visit our website at http://www.ofsoptics.com.

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