

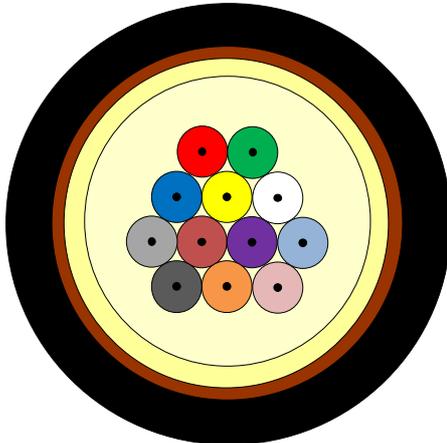
Optical Customer Drop Cable

All Dielectric Design

MiDia²⁰⁰ Micro Breeze Drop Cable 12 Fiber



Issue January 2017
according to **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 black or orange coloured

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 12 Fibre Cable

Identification

Fibre Colour Code:

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

Alternative fibre colour code available on request

Cable Diameter (nom.): 2.0 mm
Cable Weight (nom.): 5 kg/km

Sheath Marking Ink Jet:

OFS OPTICAL CABLE [ID] [MM/YYYY] [Handset Sign] xxxF [Meter Marking]

Alternative sheath printing available on request.
In case of order the exact sheath printing text will be clarified with the customer.

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Mechanical Properties and Environmental Behaviour

Tests according to IEC 60794

	Parameter	Requirement	Value
Tensile Performance: IEC 60794-1-21-E1	Short term load, during installation	- No changes in attenuation before versus after load* - Max. fibre strain 0.60%	Load: 200 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: IEC 60794-1-21-E11	Handling fixed installed During installation (under load)	- No attenuation increase* - No changes in attenuation before versus after load*	Bend radius: 85 mm Bend radius: 120 mm <i>D is cable diameter</i>
Fibre Unit Bending: IEC 60794-1-21-G1	Handling fixed installed	- No attenuation increase*	Bend radius: 50 mm
Temperatures: IEC 60794-1-22-F1	Operation Installation Storage/Shipping	- No attenuation increase*	-30 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.

Shipping Information

Maximum Cable Length: 5000 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.

The information is believed to be accurate at time of issue.

OFS reserves the right to improve, enhance and modify the features and specifications of OFS products without prior notification.

Please ensure you have the latest version of the data sheet.

This data sheet is property of OFS.

For additional information please contact your sales representative.

You can also visit our website at <http://www.ofsoptics.com>.

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