

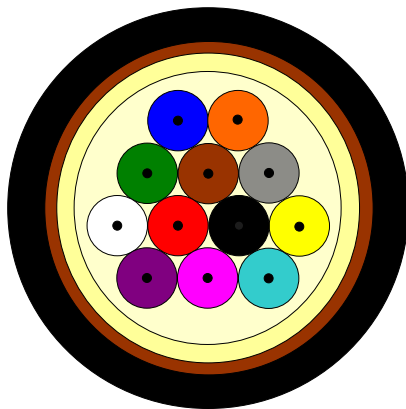
Optical Customer Drop Cable

All Dielectric Design

MiDia® Breeze (10-12f)



Issue March 2019
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

Features

- FTTx-Fibre: AllWave® FLEX Fibre G.657.A1
- All Dielectric Cable
- Easy Fibre Access
- Robust Low Friction Sheath
- Light Weight

Version illustrated is the 12 Fibre Cable

Fibre Count	Sheath Marking
10 (2 Filler*)	OFS OPTICAL CABLE MIDIA BREEZE [ID] [MM/YYYY] [Handset Sign] xxxF [Meter Marking]
12	

*Fillers will be natural coloured. Alternative Sheath printing available on request.

Cable Diameter (nom.): 2.6 mm
Cable Weight (nom.): 6 kg/km
OFS AT-Code*: AT-5EE8BD [] [] [] []

*Please refer to the OFS AT- Code. The blanks specify the fibre count.

Identification

Fibre Colour Code:

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

Cable Ordering Information

Example: AT-5EE8BDT-012¹

Fibre² Sheath Core Fibre Count
Part Number: AT-S1 S2 SF S3 S4 S5 S6- NNN

Fibre Type	Fibre	Fibre	Fibre	Fibre	Average	Maximum
Single-Mode Fibre	(S1)	(S2)	(SF)	Standards	Wavelengths (nm)	Attenuation (dB/km)
AllWave®FLEX ZWP	5	E	E	G.652.D/G.657.A1	1310/1385/1550/1625	0.36/0.31/0.25/0.27

S3= Sheath Construction

8= PA

S4= Core Design

B= AccuPack Fibre Unit

S5= Core Type

D= Dielectric Drop Cable

S6= Fibres per Tube

N= 10 Fibres

T= 12 Fibres

NNN= Fibre Count

¹ Part Number shown is for MiDia Breeze with 250 µm Single Mode AllWave®FLEX ZWP Fibres. All-Dielectric drop cable with 12 fibres.

² Contact OFS sales representative for information on other cable variations, including additional fibre types, composite cables and attenuation.

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Mechanical Properties and Environmental Behaviour

Tests according to IEC 60794

	Parameter	Requirement	Value
Tensile Performance: IEC 60794-1-2-E1A and E1B	Short term load, during installation	- No changes in attenuation before versus after load* - Max. fibre strain 0.50%	Load: 150 N
Crush Performance: IEC 60794-1-2-E3	Short term load	- No changes in attenuation before versus after load* - No damage**	Load: 500 N
Cable Bending: IEC 60794-1-2-E11	Handling fixed installed	- No attenuation increase*	Bend radius: 70 mm
	During installation (under load)	- No changes in attenuation before versus after load*	Bend radius: 140 mm
Fibre Unit Bending: IEC 60794-1-2-G1	Handling fixed installed	- No attenuation increase*	Bend radius: 40 mm
Temperatures: IEC 60794-1-2-F1	Operation	- No attenuation increase*	-30 to +70°C
	Installation		- 5 to +40°C
	Storage/Shipping		-30 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: 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.

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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