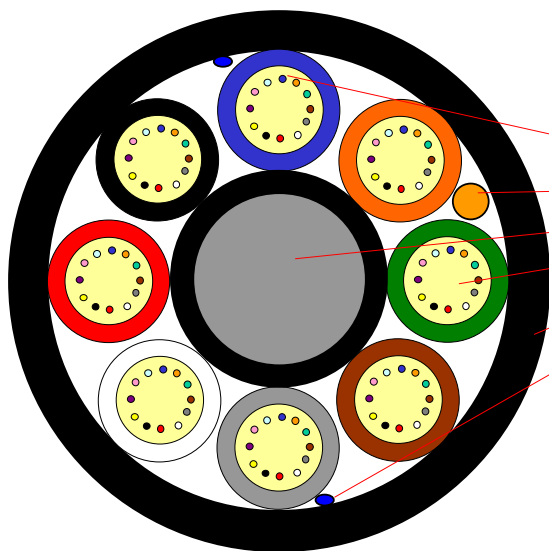


8-Element MiDia® GX Dry Core Cable

Issue January 2007
according **OFS Generic Specification**



Application

Air-Blown Installation into Micro-Ducts

Design

- Optical Fibres
- Copper Detection Element (optional)
- Non-metallic Central Member
- Gel-filled Buffer Tubes
- PE-Jacket
- Ripcord

Features

- Small tubes for a reduced outer diameter
- Dry Core Design – Cable core water blocked by means of dry “water swellable” technology - for quicker, cleaner cable prep for jointing
- Individual coloured tubes

Version illustrated is the 96 Fibre Cable

Fibre Count	Tube 1	Tube 2	Tube 3	Tube 4	Tube 5	Tube 6	Tube 7	Tube 8	AT-Code**
56	Bl 8F	Org 8F	Gn 8F	Bn 8F	Gr 8F	Wht 8F	Rd 8F	Filler*	AT-5BEXXX8-056
64	Bl 8F	Org 8F	Gn 8F	Bn 8F	Gr 8F	Wht 8F	Rd 8F	Blk 8F	AT-5BEXXX8-064
84	Bl 12F	Org 12F	Gn 12F	Bn 12F	Gr 12F	Wht 12F	Rd 12F	Filler*	AT-5BEXXXT-084
96	Bl 12F	Org 12F	Gn 12F	Bn 12F	Gr 12F	Wht 12F	Rd 12F	Blk 12F	AT-5BEXXXT-096

*Fillers are natural coloured

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

Alternative tube colour code available on request

Cable Diameter (calc.): 6,5 mm
Cable Weight (calc.): 40 kg/km

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Identification

Fibre Colour Code:

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

Sheath Marking:

OFS OPTICAL CABLE
[ID] [MM/YY] [Handset-Sign]
XXXF [Meter Marking]

Alternative sheath printing available on request

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	Long term load	- No attenuation increase* - No fibre strain	Load: 50 N
	Short term load, during installation	- No changes in attenuation before versus after load - Max. fibre strain 0.33%	Load: 1.5 x W <i>W is the weight of the cable in N</i>
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 (Plate / Plate): 500 N
Bending Performance: EN 187105-5.5.1 IEC 60794-1-2-E11	Handling fixed installed	- No attenuation increase*	Bend radius: 200 mm
	During installation (under load)	- No changes in attenuation before versus after load	Bend radius: 400 mm
Temperatures: EN 187105-5.6.1 IEC 60794-1-2-F1	Operation	- No attenuation increase*	-20 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.

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

Telephone: +49 (0) 228 7489 201

Email: [cableinfo@ofsoptics.com](mailto: cableinfo@ofsoptics.com)