

# GigaLine<sup>®</sup> A-DQ(ZN)B2Y

## Outdoor cable, central loose tube

G50/125 OM4 bend insensitive



Illustration similar

### Description

Fibre optic outdoor cable, central loose tube, longitudinally watertight, with non-metallic rodent protection.

### Properties / applications

Outdoor cable with metall free rodent protection for fixed installation, layable directly in the ground.

Suitable for campus/ backbone cabling and for the use in generic cabling acc. to ISO/IEC 11801 and EN 50173. Ideally suited for all applications of Classes OF 300 to OF 10000 (depending on the fiber).

### Laying

Outdoor installation in dry conduits or directly in the ground (sand bed). For automated cable pulling with cable winches the use of tensile-force-recording equipment is obligatory.

### Construction

Product designation	GigaLine <sup>®</sup> A-DQ(ZN)B2Y
Fibre quality	G50/125 2.50B3500.0/0.70F500-10GBE550 OM4 bendable
Fiber colours	IEC 60304: Fiber 1-12: Red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink. Fiber 13-24: Red, green, blue, yellow, white, grey, brown, violet, turquoise, transparent, orange, pinke, each with black ring marking, except transparent.
Tube	Stranded filled loose tube
Strain relief (over all)	Non metallic, glass rovings
Outer sheath material	Polyethylene, UV resistant
Colour	Black

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### Mechanical characteristics (cable)

Bending radius (static) (min.)	15x outer-Ø
Bending radius (dynamic) (min.)	20x outer-Ø
Max. strain relief	1750 N
Crush resistance (short term)	3000 N/100mm
Crush resistance (long term)	1500 N/100mm

### Thermal characteristics (cable)

Temperature (transport / storage)	-25 °C up to +70 °C
Temperature during installation	-5 °C up to +50 °C
Temperature after installation	-25 °C up to +60 °C

### Standards, certificates and approvals

Fibre standard	OM4 ITU-T G651 IEC 60793-2 A1a.3
Cabling standard	EN 50173, ISO/IEC 11801
Halogen free	IEC 60754-1
Long. watertightn.	IEC 60794-1-2 F5
Cable bending	IEC 60794-1-2 E11A
Cable standard	IEC 60794-3
Chemical continuance	Free of hazardous substances acc. to RoHS 2011/65/EU

Part number	Number of fibres	Weight	Fire load (approx.)	Outer Ø approx.
LKD8AA700A40000	1 x 8	42 kg/km	1.1 MJ/m	7 mm