

GigaLine[®] A-DQ(ZN)B2Y

outdoor cable, central loose tube

E9/125 OS2

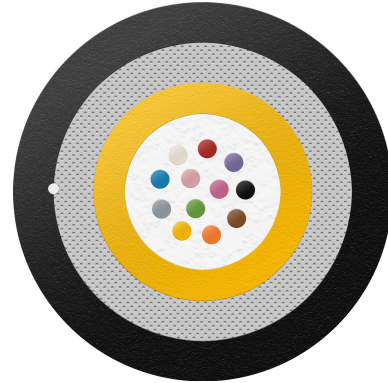
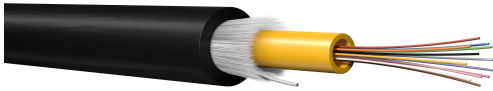


Illustration similar

Description

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

Properties / applications

Universal cable 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). Building entries without additional transition points (splices) possible.

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 name	GigaLine [®] A-DQ(ZN)B2Y
Fibre quality	E9/125 0,36F3/0,22H18-SMF28 ultra OS2
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, pink, 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
Outer sheath (colour)	Black

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Mechanical characteristics (cable)

Bending radius (static)	10x outer diameter
Bending radius (dynamic)	15x outer diameter
Crush resistance (short term)	3000 (N/100mm)
Crush resistance (long term)	1500 (N/100mm)
Max. strain relief	2500 N

Thermal characteristics (cable)

Temperature (transport / storage)	-40 °C up to +75 °C
Temperature during installation	-5 °C up to +50 °C
Temperature after installation	-40 °C up to +75 °C

Standards, certificates and approvals

Fibre standard	OS2 ITU-T 652.D + G657.A1 IEC 60793-2 B1.3
Cabling standard	EN 50173 ISO/IEC 11801
Halogen free	IEC 60754-1
Longitudinal watertightness	IEC 60794-1-2 F5
Chemical continuance	Good resistance to oil, petrol, acid and leach
Cable standard	IEC 60794-3
Quality seal with production control	GHMT PVP - Level 2

Part number	Number of fibres	Weight	Fire load	Outer diameter
LKD8AC300T60000	1 x 12	60,0 kg/km	1,2 MJ/m	8,3 mm