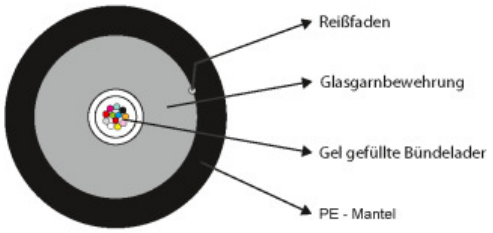
DATASHEET

Outdoor Cable A-DQ (ZN)B2Y MM OM3 1750N



Description

Application:
For fixed installation outdoor
In cable ducts, tubes and interconnections
Mechanical installation by winch is permitted only when using force meters with recording function
Suitable for underground laying (direct buried)

Characteristics:
Outdoor cable
Resistant to oil, petrol, acid and leach

The cable diameter can vary

General data	
Application	outdoor
Radial water blocking	True
Longitudinal water blocking	True
UV resistant	True
Cable metal free	True
With rodent protection	True
Circuit integrity	False

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Mechanical characteristics	
Crush resistance	1500 N/dm
Longitudinally watertight	3/24 m/h

Cable construction

Fibre type	Multimode 50/125
Fibre category	OM3
Type of tube	Central loose tube
Tube Ø	Up to 12 fibers: 2.9 ; Up to 24 fibers: 3.5 mm
Fiber marking	colour
Fiber Colours	red;green;blue;yellow;white;grey;brown;violet;turquoise;black;orange;rose
Tube marking	colour
With strain relief	True
Armouring	True

Cable sheath

Material outer sheath	PE
Colour outer sheath	black
Flame retardant	False
Halogen free	acc. EN 60754-1/2
Low smoke	False
Oil resistant	Yes
Resistant to chemicals	True

Environmental conditions	
Temperature Range (Operation)	-25 – 60 °C
Temperature Range (Storage)	-25 – 70 °C
Temperature Range (Installation)	-5 – 50 °C

Transmission characteristics	
IL max. (dB/km) 850nm	2.7 dB/km
IL max. (dB/km) 1300nm	0.8 dB/km

Standards, approvals, certifications	
Cabling standards	EN 50173-1;ISO/IEC 11801
Cable & Fiber	IEC/EN 60794-1;IEC 60794-3
Transmission standards	IEEE 802.3 10Mbit to 100Gbit

Available variants

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Article no.	Title	Construct	Cable Ø	Weight	Bending radius	Tensile Force
55224.1OM3	A-DQ(ZN)B2Y 24G 50/125µ OM3 PE black	24G (1 x 24) Multimode OM3	7.3 mm	43 kg/km	150 mm	1750 N

accessory	
39926.1	Miller® Fiber Cleaning Tapes

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