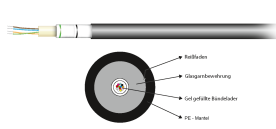
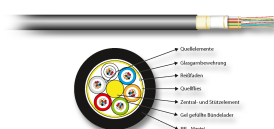
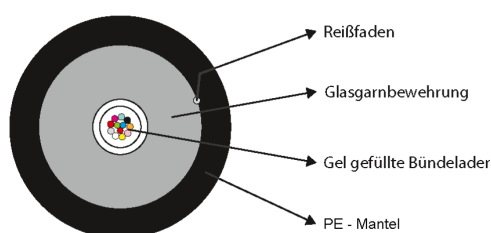


DATASHEET

A-DQ(ZN)B2Y OS2 48E (4x12) Fca 5000N PE black 11.2mm
G657A1



General data

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

Easy to install with tear thread to open the jacket

Resistant to oil, petrol, acid and leach

The cable diameter can vary

Allgemeine Daten

UV resistance	True
Longitudinal water blocking	True
Application	Outside
Radial water blocking	True
With strain relief	True

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DATASHEET

A-DQ(ZN)B2Y OS2 48E (4x12) Fca 5000N PE black 11.2mm
G657A1

General data

Cable metal free	True
Colour outer sheath	black
(Halogenfree)	acc. EN 60754-1/2
Armouring	True
Circuit integrity	False

Mechanical characteristics

Crush resistance	3000 N/dm
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Mechanische Eigenschaften

Longitudinally watertight	3/24 m/h
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Kabelaufbau

Fiber Colours	orange
Fiber marking	Colour
Fibre category	G657.A1
Tube marking	Colour
Type of tube	Central tube
Fibre type	Single mode 9/125
Tube Ø	2.3 mm

Cable sheath

Low smoke	False
Flame-retardant	False
Oil resistant	Yes
Jacket Material	PE

Kabelmantel

Resistant to chemicals	True
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Umgebungsbedingungen

Temperature Range (Storage)	-40 - 70 °C
Temperature Range (Operation)	-40 - 60 °C
Temperature Range (Installation)	-15 - 50 °C

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DATASHEET

A-DQ(ZN)B2Y OS2 48E (4x12) Fca 5000N PE black 11.2mm G657A1

Übertragungstechnische Eigenschaften

IL max. (dB/km) 1550nm	0.4 dB/km
IL max. (dB/km) 1310nm	0.4 dB/km

Normen, Zulassungen, Zertifizierungen

Cable & Fiber	IEC/EN 60794-1
Transmission standards	IEEE 802.3 10Mbit to 100Gbit

Standards, approvals, certifications

Cabling standards	ISO/IEC 11801
Low smoke (according to EN 61034-2)	False
Halogen free (according to EN 60754-1/2)	True

Available variants

ArtNr.	Bezeichnung	Cable Ø	Category	Number of fibres	Tensile force max.	Aufbau	Außendurchmesser ca.	Brandlast	Biegeradius	Gewicht
55448.1	A-DQ(ZN)B2Y OS2 48E (4x12) Fca 5000N PE black 11.2mm G657A1	11.2 mm	OS2	48	5000 N	48E (4 x 12) Singlemode G.657.A1	11,2 mm	2,4 MJ/m	170 mm	105 kg/km

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