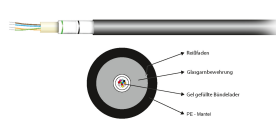
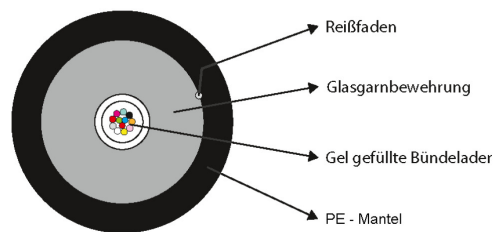


# DATASHEET

A-DQ(ZN)B2Y OS2 12E (1x12) Fca 1750N PE black 7.1mm  
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  
Resistant to oil, petrol, acid and leach

The cable diameter can vary

## Allgemeine Daten

UV resistance	True
Armouring	True
Longitudinal water blocking	True
Application	Outside
Radial water blocking	True
With strain relief	True
Jacket Material	PE

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# DATASHEET

A-DQ(ZN)B2Y OS2 12E (1x12) Fca 1750N PE black 7.1mm  
G657A1

## General data

Cable metal free	True
Colour outer sheath	black
Halogen free	acc. EN 60754-1/2
Blow in	False
Circuit integrity	False

## Mechanical characteristics

Crush resistance	1500 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
Tube marking	Colour
Type of tube	Central tube
Fibre type	Single mode 9/125
Fibre category	G657.A1
Tube Ø	Up to 12 fibers: 2.9

### Cable sheath

Low smoke	False
Oil resistant	Yes
Flame retardant	False

### Kabelmantel

Resistant to chemicals	True
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## Umgebungsbedingungen

Temperature Range (Installation)	-5 - 50 °C
Temperature range (Storage)	-25 - 70 °C
Temperature range (Operation)	-25 - 60 °C

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# DATASHEET

## A-DQ(ZN)B2Y OS2 12E (1x12) Fca 1750N PE black 7.1mm 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
With rodent protection	True

### 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	Construct	Biegeradius	Kabel Ø	Zugkraft Verlegung	Gewicht
55404.1	A-DQ(ZN)B2Y OS2 4E (1x4) Fca 1750N PE black 7.1mm G657A1	04E ( 1 x 4 ) Singlemode G.657.A1	140 mm	7,1 mm	1750 N	39 kg/km
55408.1	A-DQ(ZN)B2Y OS2 8E (1x8) Fca 1750N PE black 7.1mm G657A1	08E ( 1 x 8 ) Singlemode G.657.A1	140 mm	7,1 mm	1750 N	39 kg/km
55412.1	A-DQ(ZN)B2Y OS2 12E (1x12) Fca 1750N PE black 7.1mm G657A1	12E ( 1 x 12 ) Singlemode G.657.A1	140 mm	7,1 mm	1750 N	39 kg/km
55424.1	A-DQ(ZN)B2Y OS2 24E (1x24) Fca 1750N PE black 7.3mm G657A1	24E (1 x 24) Singlemode G.657.A1	150 mm	7,3 mm	1750 N	43 kg/km

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