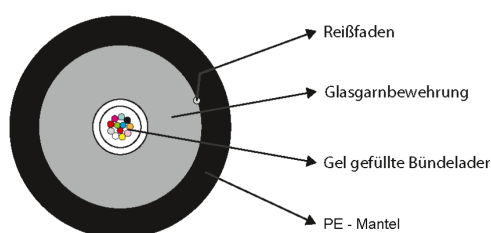


DATASHEET

A-DQ(ZN)B2Y OS2 12E (1x12), 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

Technical properties

Application	Outside
Armouring	True
Blow in	False
Cable & Fiber	IEC 60794-3
Cable metal free	True
Cable silicone free	True
Circuit integrity	No

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DATASHEET

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

Colour outer sheath	black
Crush resistance	1500 N/dm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OS2 G657A1
Fibre type	Single mode 9/125
Flame retardant	Nein
Halogen free	acc. to EN 60754-1/2
Harmonised Standard	-
IL max. (dB/km) 1310nm	0.4 dB/km
IL max. (dB/km) 1550nm	0.22 dB/km
Longitudinal water blocking	True
Low smoke	No
Low smoke (acc. EN 61034-2)	False
Material outer sheath	PE
Oil resistant	yes
Radial water blocking	True
Resistant to chemicals	True
Scope of delivery	1x Cable1x Drum
Temperature Range (Installation)	-5 - 50 °C
Temperature Range (Operation)	-25 - 60 °C
Temperature Range (Storage)	-25 - 70 °C
Tube marking	Colour
Tube Ø	2.9 mm
Type of tube	Central tube
UV resistant	True
With rodent protection	True
With strain relief	True

Available variants

ArtNr.	Bezeichnung	Cable Ø	Category	Number of fibres	Tensile force max.	Number of fibres per tube	Construct	Suitable for underground installation	Outer diameter approx.	Minimum bending radius (dynamic)	VDE-Name	Weight	Minimum bending radius (static)
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DATASHEET

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

55404.1	A-DQ(ZN)B2Y OS2 4E (1x4), 1750N PE black 7.1mm G657A1	7.1 mm	OS2	4	1750 N	4	04E (1 x 4) Singlemode G.657.A1	True	7.1 mm	20xOD mm	A-DQ(ZN)B2Y 4E9/125	39 kg/km	15xOD mm
55408.1	A-DQ(ZN)B2Y OS2 8E (1x8), 1750N PE black 7.1mm G657A1	7.1 mm	OS2	8	1750 N	8	08E (1 x 8) Singlemode G.657.A1	True	7.1 mm	20xOD mm	A-DQ(ZN)B2Y 4E9/125	39 kg/km	15xOD mm
55412.1	A-DQ(ZN)B2Y OS2 12E (1x12), 1750N PE black 7.1mm G657A1	7.1 mm	OS2	12	1750 N	12	12E (1 x 12) Singlemode G.657.A1	True	7.1 mm	20xOD mm	A-DQ(ZN)B2Y 4E9/125	39 kg/km	15xOD mm

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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