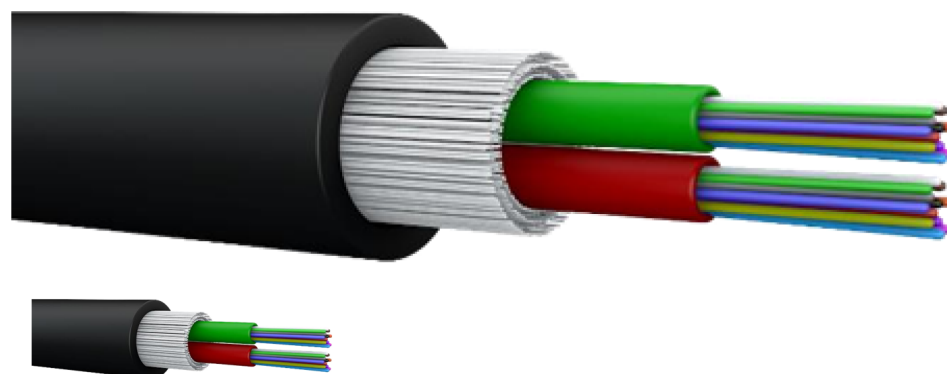


DATASHEET

UCFibre A-DQ(ZN)B2Y OS2 24E (2x12) BiTube,3000N
black 8mm G657A1



General data

This bi-central core cable is suitable for LAN and WAN backbones, telecommunications connection lines, fiber optic connections for businesses and buildings, as well as fiber optic connections for private households and access connections.

Thanks to its LLDPE sheath, this cable is ideal for outdoor installation, provided that the installation conditions are not too demanding.

The cable is characterized by high tensile strength and, in many cases, effective protection against rodents.

It is equally suitable for installation in cable ducts and on cable trays.

The sheath is made of PE material, for outdoor use and direct burial.

This cable features a bi-tube design, making it easy to divide the 24 fibers into two bundles of 12 fibers.

Areas of application:

Outdoor cable (suitable for outdoor installation)

For connecting buildings

To the campus cabling

For direct burial (according to installation instructions)

For insertion in plastic pipe systems (not for blow in)

For installation in cable ducts and on platforms

Characteristics:

Easy to process construction

Tearing thread for opening/removing the cable sheath

Gel-free cable construction for clean and quick installation

Small dimensions

High installation stability

The cable diameter can vary

Technical properties

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DATASHEET

UCFibre A-DQ(ZN)B2Y OS2 24E (2x12) BiTube,3000N
black 8mm G657A1

Application	Outside
Armouring	True
Blow in	False
Cable & Fiber	IEC/EN 60793
Cable metal free	True
Cable silicone free	True
Circuit integrity	False
Colour outer sheath	black
Crush resistance	150 N/cm
Fiber Colours	white
Fiber marking	Colour
Fibre category	OS2
Fibre type	Single mode
Flame retardant	False
IL max. (dB/km) 1310nm	0.4 dB/km
IL max. (dB/km) 1550nm	0.4 dB/km
Longitudinal water blocking	True
Low smoke	False
Low smoke (acc. EN 61034-2)	False
Material outer sheath	PE
Radial water blocking	True
Resistant to chemicals	True
Temperature Range (Installation)	-5 - 50 °C
Temperature Range (Operation)	-25 - 60 °C
Temperature Range (Storage)	-40 - 70 °C
Tube marking	Colour
Tube Ø	2.8 mm
Type of tube	Central tube
UV resistant	True
With rodent protection	True
With strain relief	True

Available variants

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DATASHEET

UCFibre A-DQ(ZN)B2Y OS2 24E (2x12) BiTube,3000N black 8mm G657A1

ArtNr.	Bezeichnung	CPR-Class	Cable Ø	Category of fibres	Number of fibres	Tensile force max.	Number of fibres per tube	Construct	Suitable for underground installation	Minimum bending radius (dynamic)	VDE-Name	Weight	Minimum bending radius (static)
A24M4F2	UCFibre A-DQ(ZN)B2Y OM4 24G (2x12) BiTube, 3000N black 8mm	Fca	8.0 mm	OM4	24	3000 N	12	(2x12)	True	20xOD mm	A-DQ(ZN)B2Y	65 kg/km	10xOD mm
A24S2F3	UCFibre A-DQ(ZN)B2Y OS2 24E (2x12) BiTube,3000N black 8mm G657A1	Fca	8.0 mm	OS2	24	3000 N	12	(2x12)	True	20xOD mm	A-DQ(ZN)B2Y	65 kg/km	10xOD 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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