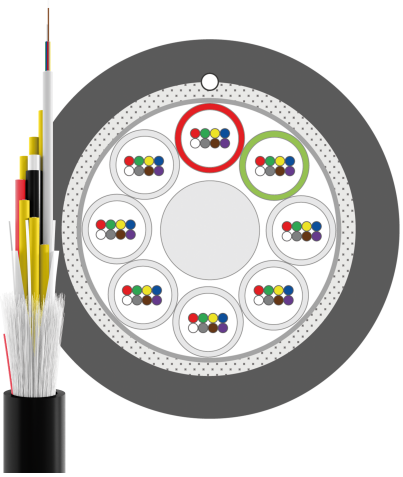
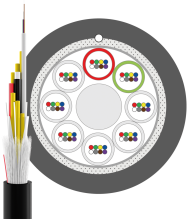
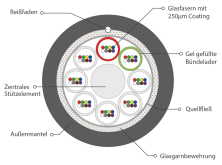
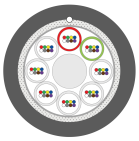
DATASHEET









General data

The fiber optic cable, with its stranded, gel-filled loose tube construction and a tensile strength of 5000N, is ideal for structured outdoor cabling. The robust, dielectric design with glass yarn armoring makes the cable longitudinally watertight, UV-resistant, and rodent-proof. A durable PE sheath provides additional protection against mechanical stress.

It is suitable for direct burial, even using trenchless plowing methods, as well as in pipes and shafts. With a temperature range of -40°C to +70°C (operating), the cable is ideal for demanding environments.

This cable is versatile for LAN, MAN, and telecommunications backbones, as well as modern outdoor fiber optic access networks.

Features:

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

- Robust outdoor cable for direct burial and ploughing
- Tensile strength up to 5000N – ideal for long distances
- Dielectric construction with E-glass yarns – metal-free and rodent-resistant
- Gel-filled, stranded loose tubes with up to 288 fibers
- Water-blocked and weather-resistant (-40°C to +70°C)
- Black, UV-resistant PE jacket (RAL 9005)
- Color code according to IEC 60794-2 / VDE 0888
- Suitable for backbone and access networks (LAN, MAN, FTTH, FTTB)
- DIN/VDE: A-DQ(ZN)B2Y

Tekniske egenskaber

Available variants

ArtNr.	Bezeichnung	CPR-Class	Cable Ø	Category	Number of fibres	Tensile force max.
A144S2F1		Fca	15.7 mm	OS2	144	5000 N
A48S2F1		Fca	11.1 mm	OS2	48	5000 N
A96S2F1		Fca	12.7 mm	OS2	96	5000 N

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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