

Fibre Optic Universal Cable

HCS

HELUCOM®

A/I-DQ(ZN)BH



Cable structure

Core type: Loose tube
 Strain relief elements: Glass yarns
 Type of armouring: Glass yarns
 Outer sheath material: FR/LSOH
 Outer sheath colour: Black

Temperature range

Laying, min.: -5°C
 Laying, max.: +50°C
 Operating, min.: -20°C
 Operating, max.: +70°C

Other data

Corrosiveness acc. to EN50267-2-3
 Halogen-free acc. to 60754-2
 Flame-resistance acc. to IEC 60332-1
 Smoke density acc. to IEC 61034
 Longitudinally water-tight acc. to IEC 60794-1-2-F5
 UV-resistant

| Designation | Number of fibres | Fibre type | Number of fibres per core | Outer Ø app. mm | Max. tensile force N | Min. stat. bending radius mm | Max. transverse pressure N / cm | Caloric load app. MJ / m | Weight kg / km | Part no. |
|--------------|------------------|-------------|---------------------------|-----------------|----------------------|------------------------------|---------------------------------|--------------------------|----------------|---------------|
| A/I-DQ(ZN)BH | 4 | HCS 200/230 | 4 | 8,5 | 1500 | 130,0 | 150 | 2,00 | 76,0 | 801198 |
| A/I-DQ(ZN)BH | 8 | HCS 200/230 | 8 | 8,5 | 1500 | 130,0 | 150 | 2,00 | 79,0 | 802001 |
| A/I-DQ(ZN)BH | 12 | HCS 200/230 | 12 | 8,5 | 1500 | 130,0 | 150 | 2,00 | 82,0 | 802002 |
| A/I-DQ(ZN)BH | 24 | HCS 200/230 | 8 | 17,7 | 6000 | 265,0 | 300 | 3,20 | 280,0 | 802003 |
| A/I-DQ(ZN)BH | 48 | HCS 200/230 | 8 | 18,9 | 6000 | 285,0 | 300 | 3,20 | 355,0 | 802004 |

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® fibre-optic cables are available either as central bundle core cable or as stranded versions. They are suitable for fixed indoor and outdoor cabling of buildings and industry facilities. They are used in particular if the installation is to be done in one piece from the inside to the outside without additional use of couplings. With their black UV-resistant outer sheath and the non-metallic rodent protection, they are perfectly suited for outdoor use. The halogen-free outer sheath makes installation inhouse possible without any problems.

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