

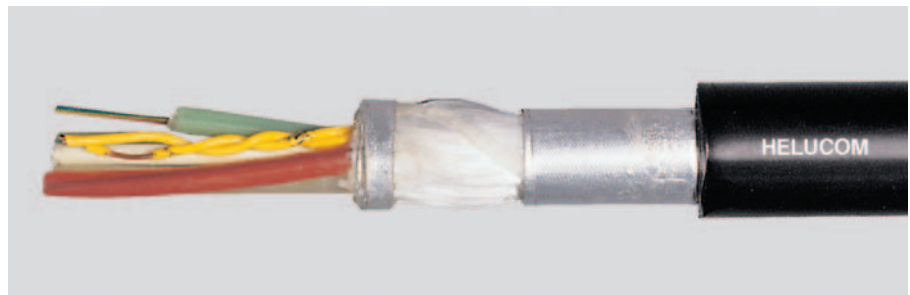
Fibre Optic Outdoor Cable Hybrid

acc. DIN VDE 0888

HELUCOM®

RoHS

A-DSF(L)(ZN)2Y



Cable structure

Core type: Loose tube
GRP support element
Number of fibres per core: 12
Strain relief elements: Aramide
Aluminium laminated sheath
Outer sheath material: PE
Outer sheath colour: Black

Temperature range

Laying, min.: -5°C
Laying, min.: +50°C
Operating, min.: -25°C
Operating, max.: +60°C

Other data

Corrosiveness acc. to EN50267-2-3
Longitudinally water-tight acc. to IEC 60794-1-2-F5
Cable, laterally water-tight
UV-resistant

| Designation | Number of fibres | Fibre type | Number of copper cores | Dimensions of copper cores mm | Outer Ø ca. mm | Max. tensile force N | Min. stat. bending radius mm | Caloric load ca. MJ / m | Max. transverse pressure N / cm | Weight kg / km | Part no. |
|----------------|------------------|--------------------|------------------------|-------------------------------|----------------|----------------------|------------------------------|-------------------------|---------------------------------|----------------|---------------|
| A-DSF(L)(ZN)2Y | 12 | Single-mode E9/125 | 2 | 0,6 | 12,0 | 2500 | 200,0 | 4,80 | 250 | 135,0 | 80495 |
| A-DSF(L)(ZN)2Y | 12 | Single-mode E9/125 | 4 | 0,6 | 12,0 | 2500 | 200,0 | 4,80 | 250 | 140,0 | 80497 |
| A-DSF(L)(ZN)2Y | 24 | Single-mode E9/125 | 2 | 0,6 | 13,1 | 2500 | 200,0 | 4,80 | 250 | 139,0 | 800753 |
| A-DSF(L)(ZN)2Y | 24 | Single-mode E9/125 | 4 | 0,6 | 13,1 | 2500 | 200,0 | 4,80 | 250 | 144,0 | 801182 |
| A-DSF(L)(ZN)2Y | 48 | Single-mode E9/125 | 2 | 0,6 | 13,1 | 2500 | 200,0 | 4,80 | 250 | 141,0 | 80501 |
| A-DSF(L)(ZN)2Y | 48 | Single-mode E9/125 | 4 | 0,6 | 13,1 | 2500 | 200,0 | 4,80 | 250 | 146,0 | 80503 |
| A-DSF(L)(ZN)2Y | 60 | Single-mode E9/125 | 2 | 0,6 | 14,1 | 2500 | 230,0 | 4,80 | 250 | 166,0 | 80504 |
| A-DSF(L)(ZN)2Y | 60 | Single-mode E9/125 | 4 | 0,6 | 14,1 | 2500 | 230,0 | 4,80 | 250 | 171,0 | 80506 |
| A-DSF(L)(ZN)2Y | 72 | Single-mode E9/125 | 2 | 0,6 | 14,8 | 2500 | 240,0 | 5,10 | 250 | 179,0 | 80507 |
| A-DSF(L)(ZN)2Y | 72 | Single-mode E9/125 | 4 | 0,6 | 14,8 | 2500 | 240,0 | 5,10 | 250 | 184,0 | 80509 |
| A-DSF(L)(ZN)2Y | 96 | Single-mode E9/125 | 2 | 0,6 | 16,6 | 3000 | 280,0 | 6,30 | 250 | 276,0 | 80510 |
| A-DSF(L)(ZN)2Y | 96 | Single-mode E9/125 | 4 | 0,6 | 16,6 | 3000 | 280,0 | 6,30 | 250 | 281,0 | 80512 |
| A-DSF(L)(ZN)2Y | 120 | Single-mode E9/125 | 2 | 0,6 | 18,4 | 3000 | 290,0 | 8,50 | 250 | 280,0 | 80513 |
| A-DSF(L)(ZN)2Y | 120 | Single-mode E9/125 | 4 | 0,6 | 18,4 | 3000 | 290,0 | 8,50 | 250 | 285,0 | 80515 |
| A-DSF(L)(ZN)2Y | 144 | Single-mode E9/125 | 2 | 0,6 | 20,3 | 3500 | 310,0 | 10,00 | 250 | 331,0 | 80516 |
| A-DSF(L)(ZN)2Y | 144 | Single-mode E9/125 | 4 | 0,6 | 20,3 | 3500 | 310,0 | 10,00 | 250 | 336,0 | 80518 |

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® outdoor cables are designed for use under extreme environmental conditions. With the double jelly filling and the Al/PE laminated sheath, they are water proof in longitudinal and transverse direction. The welded Al tape acts as an additional vapour barrier. These cables can be laid directly in the ground, in tubes and in ducts. They are mainly used in local and long-distance networks.