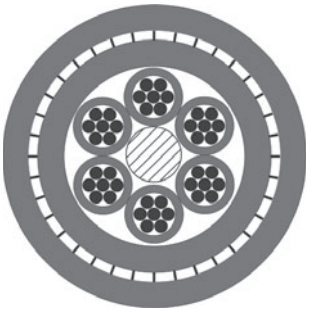
Fibre Optic Outdoor Cable

acc. ARCOR Standard

HELUCOM®

A-DF(ZN)2Y(SR)2Y



Cable structure

Core type: Loose tube
GRP support element
Strain relief elements: Aramide
Inner sheath material: PE
Type of armouring: Steel rib
Outer sheath material: PE
Outer sheath colour: Black

Temperature range

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

Other data

Corrosiveness acc. to EN50267-2-3
Halogen-free acc. to 60754-2
Longitudinally water-tight acc. to IEC 60794-1-2-F5
Cable, laterally water-tight
UV-resistant

Designation	Number of fibres	Fibre type	Number of fibres per core	Outer Ø approx. mm	Max. tensile force N	Min. stat. bending radius mm	Max. transverse pressure N / cm	Weight kg / km	**Part no.**
A-DF(ZN)2Y(SR)2Y	12	Single-mode E9/125	2	13,0	2700	130,0	800	180	**82190**
A-DF(ZN)2Y(SR)2Y	24	Single-mode E9/125	4	13,0	2700	130,0	800	180	**800708**
A-DF(ZN)2Y(SR)2Y	48	Single-mode E9/125	12	13,0	2700	130,0	800	180	**800709**
A-DF(ZN)2Y(SR)2Y	60	Single-mode E9/125	12	13,0	2700	130,0	800	180	**800710**

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® fibre-optic cables are characterized by a stranded construction with jelly filling. They are made waterproof in longitudinal direction by filling a jelly mass into the stranding cavities. Above-average rodent protection is achieved with the metallic rodent protection (steel groove) and the second outer sheath made of PE. This construction is particularly used in the area of telecommunication and long distance where ARCOR standards must be followed, but also in regular channels and tubes where rodent infestation is possible.

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