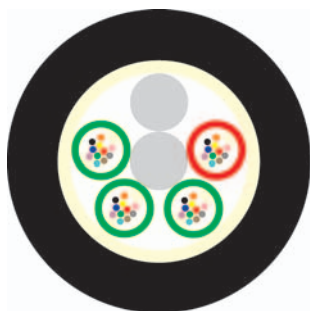


Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

A-DF(ZN)2Y



Cable structure

Core type: Loose tube
GRP support element
Strain relief elements: Aramide
Outer sheath material: PE
Outer sheath colour: Black

Temperature range

Laying, min.: -5°C
Laying, max.: +50°C
Operating, min.: -20°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
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	Caloric load approx. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A-DF(ZN)2Y	2	Multimode G50/125	2	9,5	2500	95,0	4,20	400	85,0	80016
A-DF(ZN)2Y	2	Multimode G62.5/125	2	9,5	2500	95,0	4,20	400	85,0	80033
A-DF(ZN)2Y	2	Single-mode E9/125	2	9,5	2500	95,0	4,20	400	85,0	80000
A-DF(ZN)2Y	4	Multimode G50/125	4	9,5	2500	95,0	4,20	400	85,0	80017
A-DF(ZN)2Y	4	Multimode G62.5/125	4	9,5	2500	95,0	4,20	400	85,0	80034
A-DF(ZN)2Y	4	Single-mode E9/125	4	9,5	2500	95,0	4,20	400	85,0	80001
A-DF(ZN)2Y	8	Multimode G50/125	8	9,5	2500	95,0	4,20	400	85,0	80019
A-DF(ZN)2Y	8	Multimode G62.5/125	8	9,5	2500	95,0	4,20	400	85,0	80036
A-DF(ZN)2Y	8	Single-mode E9/125	8	9,5	2500	95,0	4,20	400	85,0	80003
A-DF(ZN)2Y	12	Multimode G50/125	12	9,5	2500	95,0	4,20	400	85,0	80021
A-DF(ZN)2Y	12	Multimode G62.5/125	12	9,5	2500	95,0	4,20	400	85,0	80038
A-DF(ZN)2Y	12	Single-mode E9/125	12	9,5	2500	95,0	4,20	400	85,0	80005
A-DF(ZN)2Y	24	Multimode G50/125	12	9,5	2700	95,0	4,00	400	85,0	80024
A-DF(ZN)2Y	24	Multimode G62.5/125	12	9,5	2700	95,0	4,00	400	85,0	80041
A-DF(ZN)2Y	24	Single-mode E9/125	12	9,5	2700	95,0	4,00	400	85,0	80008
A-DF(ZN)2Y	36	Multimode G50/125	12	9,5	2700	95,0	4,00	400	85,0	80912
A-DF(ZN)2Y	36	Multimode G62.5/125	12	9,5	2700	95,0	4,00	400	85,0	80913
A-DF(ZN)2Y	36	Single-mode E9/125	12	9,5	2700	95,0	4,00	400	85,0	80914
A-DF(ZN)2Y	48	Multimode G50/125	12	9,5	2700	95,0	4,00	400	85,0	80026
A-DF(ZN)2Y	48	Multimode G62.5/125	12	9,5	2700	95,0	4,00	400	85,0	80046
A-DF(ZN)2Y	48	Single-mode E9/125	12	9,5	2700	95,0	4,00	400	85,0	80010
A-DF(ZN)2Y	60	Multimode G50/125	12	9,5	2700	95,0	4,00	400	85,0	80027
A-DF(ZN)2Y	60	Multimode G62.5/125	12	9,5	2700	95,0	4,00	400	85,0	80047
A-DF(ZN)2Y	60	Single-mode E9/125	12	9,5	2700	95,0	4,00	400	85,0	80011
A-DF(ZN)2Y	72	Multimode G50/125	12	10,0	2700	100,0	3,80	400	90,0	80473
A-DF(ZN)2Y	72	Multimode G62.5/125	12	10,0	2700	100,0	3,80	400	90,0	80474
A-DF(ZN)2Y	72	Single-mode E9/125	12	10,0	2700	100,0	3,80	400	90,0	80475
A-DF(ZN)2Y	84	Multimode G50/125	12	10,7	3000	107,0	4,30	400	120,0	80028
A-DF(ZN)2Y	84	Multimode G62.5/125	12	10,7	3000	107,0	4,30	400	120,0	80048
A-DF(ZN)2Y	84	Single-mode E9/125	12	10,7	3000	107,0	4,30	400	120,0	80012
A-DF(ZN)2Y	96	Multimode G50/125	12	11,5	3000	115,0	5,00	400	135,0	80777
A-DF(ZN)2Y	96	Multimode G62.5/125	12	11,5	3000	115,0	5,00	400	135,0	80774
A-DF(ZN)2Y	96	Single-mode E9/125	12	11,5	3000	115,0	5,00	400	135,0	80764
A-DF(ZN)2Y	144	Multimode G50/125	12	14,5	3000	145,0	7,70	400	175,0	80032
A-DF(ZN)2Y	144	Multimode G62.5/125	12	14,5	3000	145,0	7,70	400	175,0	80051
A-DF(ZN)2Y	144	Single-mode E9/125	12	14,5	3000	145,0	7,70	400	175,0	80015

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. Non-metallic tension elements ensure above average strain relief. This construction is particularly used in the area of telecommunication and long distance, but also in regular channels and tubes.