

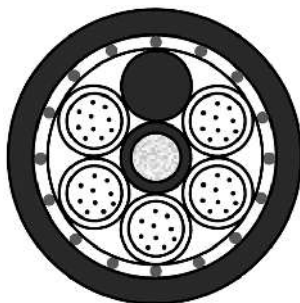
Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

RoHS

A-DF(ZN)2Y



Cable structure

Core type: Buffered-fibre
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
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 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-DF(ZN)2Y	2	Multimode G50/125	2	13,5	2500	200,0	1,60	400	155,0	80016
A-DF(ZN)2Y	2	Multimode G62.5/125	2	13,5	2500	200,0	1,60	400	155,0	80033
A-DF(ZN)2Y	2	Single-mode E9/125	2	13,5	2500	200,0	1,60	400	155,0	80000
A-DF(ZN)2Y	4	Multimode G50/125	4	13,5	2500	200,0	1,60	400	155,0	80017
A-DF(ZN)2Y	4	Multimode G62.5/125	4	13,5	2500	200,0	1,60	400	155,0	80034
A-DF(ZN)2Y	4	Single-mode E9/125	4	13,5	2500	200,0	1,60	400	155,0	80001
A-DF(ZN)2Y	8	Multimode G50/125	8	13,5	2500	200,0	1,60	400	155,0	80019
A-DF(ZN)2Y	8	Multimode G62.5/125	8	13,5	2500	200,0	1,60	400	155,0	80036
A-DF(ZN)2Y	8	Single-mode E9/125	8	13,5	2500	200,0	1,60	400	155,0	80003
A-DF(ZN)2Y	12	Multimode G50/125	12	13,5	2500	200,0	1,60	400	155,0	80021
A-DF(ZN)2Y	12	Multimode G62.5/125	12	13,5	2500	200,0	1,60	400	155,0	80038
A-DF(ZN)2Y	12	Single-mode E9/125	12	13,5	2500	200,0	1,60	400	155,0	80005
A-DF(ZN)2Y	24	Multimode G50/125	12	13,5	3000	200,0	4,90	400	155,0	80024
A-DF(ZN)2Y	24	Multimode G62.5/125	12	13,5	3000	200,0	4,90	400	155,0	80041
A-DF(ZN)2Y	24	Single-mode E9/125	12	13,5	3000	200,0	4,90	400	155,0	80008
A-DF(ZN)2Y	36	Multimode G50/125	12	13,5	3000	200,0	4,90	400	155,0	80912
A-DF(ZN)2Y	36	Multimode G62.5/125	12	13,5	3000	200,0	4,90	400	155,0	80913
A-DF(ZN)2Y	36	Single-mode E9/125	12	13,5	3000	200,0	4,90	400	155,0	80914
A-DF(ZN)2Y	48	Multimode G50/125	12	13,5	3000	200,0	4,90	400	155,0	80026
A-DF(ZN)2Y	48	Multimode G62.5/125	12	13,5	3000	200,0	4,90	400	155,0	80046
A-DF(ZN)2Y	48	Single-mode E9/125	12	13,5	3000	200,0	4,90	400	155,0	80010
A-DF(ZN)2Y	60	Multimode G50/125	12	13,5	3000	200,0	4,90	400	155,0	80027
A-DF(ZN)2Y	60	Multimode G62.5/125	12	13,5	3000	200,0	4,90	400	155,0	80047
A-DF(ZN)2Y	60	Single-mode E9/125	12	13,5	3000	200,0	4,90	400	155,0	80011
A-DF(ZN)2Y	72	Multimode G50/125	12	13,5	3000	200,0	6,00	400	155,0	80473
A-DF(ZN)2Y	72	Multimode G62.5/125	12	13,5	3000	200,0	6,00	400	155,0	80474
A-DF(ZN)2Y	72	Single-mode E9/125	12	13,5	3000	200,0	6,00	400	155,0	80475
A-DF(ZN)2Y	84	Multimode G50/125	12	15,5	4000	230,0	7,00	400	190,0	80028
A-DF(ZN)2Y	84	Multimode G62.5/125	12	15,5	4000	230,0	7,00	400	190,0	80048
A-DF(ZN)2Y	84	Single-mode E9/125	12	15,5	4000	230,0	7,00	400	190,0	80012
A-DF(ZN)2Y	96	Multimode G50/125	12	16,5	4000	250,0	7,40	400	230,0	80777
A-DF(ZN)2Y	96	Multimode G62.5/125	12	16,5	4000	250,0	7,40	400	230,0	80774
A-DF(ZN)2Y	96	Single-mode E9/125	12	16,5	4000	250,0	7,40	400	230,0	80764
A-DF(ZN)2Y	144	Multimode G50/125	12	20,0	4000	300,0	9,30	400	340,0	80032
A-DF(ZN)2Y	144	Multimode G62.5/125	12	20,0	4000	300,0	9,30	400	340,0	80051
A-DF(ZN)2Y	144	Single-mode E9/125	12	20,0	4000	300,0	9,30	400	340,0	80015

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.

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