

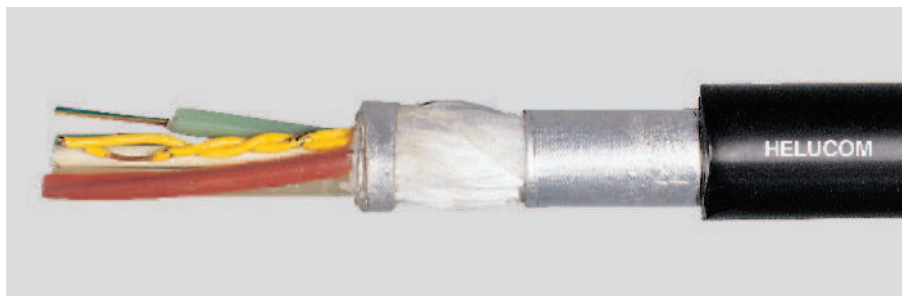
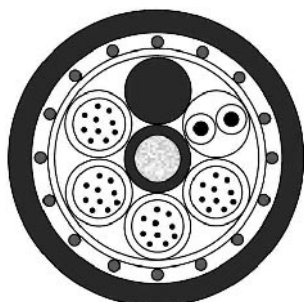
Fibre Optic Outdoor Cable Hybrid

acc. DIN VDE 0888

HELUCOM®

RoHS

A-DSF(L)(ZN)2Y



Cable structure

Core type: Buffered-fibre
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, max: +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

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 layed directly in the ground, in tubes and in ducts. They are mainly used in local and long-distance networks.