

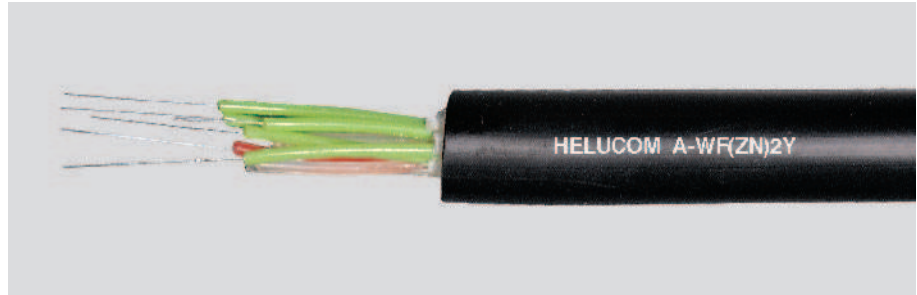
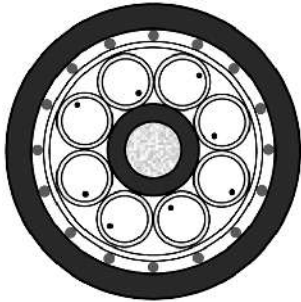
Fibre Optic Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

RoHS

A-WF(ZN)2Y, A-WF(ZN)2Y4Y



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
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 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-WF(ZN)2Y	2	Multimode G50/125	1	14,0	2500	210,0	8,20	300	80,0	80234
A-WF(ZN)2Y	2	Multimode G62.5/125	1	14,0	2500	210,0	8,20	300	80,0	80240
A-WF(ZN)2Y	2	Single-mode E9/125	1	14,0	2500	210,0	8,20	300	80,0	80228
A-WF(ZN)2Y	4	Multimode G50/125	1	14,0	2500	210,0	8,20	300	95,0	80235
A-WF(ZN)2Y	4	Multimode G62.5/125	1	14,0	2500	210,0	8,20	300	95,0	80241
A-WF(ZN)2Y	4	Single-mode E9/125	1	14,0	2500	210,0	8,20	300	95,0	80229
A-WF(ZN)2Y	6	Multimode G50/125	1	14,0	2500	210,0	8,20	300	110,0	80236
A-WF(ZN)2Y	6	Multimode G62.5/125	1	14,0	2500	210,0	8,20	300	110,0	80242
A-WF(ZN)2Y	6	Single-mode E9/125	1	14,0	2500	210,0	8,20	300	110,0	80230
A-WF(ZN)2Y	8	Multimode G50/125	1	14,0	2500	210,0	8,20	300	125,0	80237
A-WF(ZN)2Y	8	Multimode G62.5/125	1	14,0	2500	210,0	8,20	300	125,0	80243
A-WF(ZN)2Y	8	Single-mode E9/125	1	14,0	2500	210,0	8,20	300	125,0	80231
A-WF(ZN)2Y	12	Multimode G50/125	1	14,0	2500	210,0	8,20	300	170,0	80239
A-WF(ZN)2Y	12	Multimode G62.5/125	1	14,0	2500	210,0	8,20	300	170,0	80245
A-WF(ZN)2Y	12	Single-mode E9/125	1	14,0	2500	210,0	8,20	300	170,0	80233
A-WF(ZN)2Y4Y	2	Multimode G50/125	1	15,0	2500	230,0	9,50	400	95,0	80252
A-WF(ZN)2Y4Y	2	Multimode G62.5/125	1	15,0	2500	230,0	9,50	400	95,0	80258
A-WF(ZN)2Y4Y	2	Single-mode E9/125	1	15,0	2500	230,0	9,50	400	95,0	80246
A-WF(ZN)2Y4Y	4	Multimode G50/125	1	15,0	2500	230,0	9,50	400	115,0	80253
A-WF(ZN)2Y4Y	4	Multimode G62.5/125	1	15,0	2500	230,0	9,50	400	115,0	80259
A-WF(ZN)2Y4Y	4	Single-mode E9/125	1	15,0	2500	230,0	9,50	400	115,0	80247
A-WF(ZN)2Y4Y	6	Multimode G50/125	1	15,0	2500	230,0	9,50	400	130,0	80254
A-WF(ZN)2Y4Y	6	Multimode G62.5/125	1	15,0	2500	230,0	9,50	400	130,0	80260
A-WF(ZN)2Y4Y	6	Single-mode E9/125	1	15,0	2500	230,0	9,50	400	130,0	80248
A-WF(ZN)2Y4Y	8	Multimode G50/125	1	15,0	2500	230,0	9,50	400	150,0	80255
A-WF(ZN)2Y4Y	8	Multimode G62.5/125	1	15,0	2500	230,0	9,50	400	150,0	80261
A-WF(ZN)2Y4Y	8	Single-mode E9/125	1	15,0	2500	230,0	9,50	400	150,0	80249
A-WF(ZN)2Y4Y	12	Multimode G50/125	1	15,0	2500	230,0	9,50	400	190,0	80257
A-WF(ZN)2Y4Y	12	Multimode G62.5/125	1	15,0	2500	230,0	9,50	400	190,0	80263
A-WF(ZN)2Y4Y	12	Single-mode E9/125	1	15,0	2500	230,0	9,50	400	190,0	80251

Application

These HELUCOM® fibre-optic cables are especially suitable for the underground and tube laying. A water blocking jelly filling of the loose tube and the stranding cavities ensure perfect water proofing in longitudinal direction. In addition, this cable can be equipped by a rodent protection made of polyamid (PA).