

A-DQ(ZN)B2Y

Fibre optic outdoor cables



Cable structure

- Multimode fibre 50/125 mm
62,5/125 mm
- Singlemode 9/125 mm
- Central bundle core or stranded bundle core
- Water blocking material
- Tensile glass yarn
- PE outer sheath, black

Technical data

- Outdoor fibre optic cable according to DIN VDE 0888
- **Temperature range**
 - fixed installation from -20 °C to +60 °C
 - during installation from -5 °C to +50 °C
- **Max. tensile load** from 1500 N to 3000 N
- **Max. transverse load** 200-600 N/cm
- For optical data characteristics please contact our technical department.

Application

These fibre optic cables are available with a central bundle core and stranded version (from 12 fibres and more). The construction of the central bundle core makes the installation of the cable convenient. The glass yarn with water blocking material on the bundle core guarantess the traction relief and the longitudinal water-proofing. Cables are equipped with non-metallic rodent protection. The maximum number is 144 and due to its construction the installation is easy.

Note

Other cable structure and number of optic fibres available upon request.
Conforms to RoHS.

No of fibres	Approx. outer Ø [mm]	Approx. cable weight [kg/km]	Max. tensile load [N]	Min. stat. bending radius [mm]	Part No. G 50/125	Part No. G 62,5/125	Part No. E 9/125
2	6,8	100	1500	170	0680148	0680164	0680131
4	6,8	100	1500	170	0680149	0680165	0680132
6	6,8	100	1500	170	0680150	0680166	0680133
8	6,8	100	1500	170	0680151	0680167	0680134
10	6,8	100	1500	170	0680152	0680168	0680135
12	6,8	100	1500	170	0680153	0680169	0680136
16	10,2	130	1500	255	0680154	0680170	0680137
20	10,2	130	1500	255	0680155	0680171	0680138
24	10,2	130	1500	255	0680156	0680172	0680139
30	13,0	170	2500	270	0680157	0680173	0680140
36	13,0	170	2500	270	0680448	0680449	0680450
40	13,0	170	2500	270	0680158	0680174	0680141
48	13,0	170	2500	270	0680447	0680446	0680445
60	15,0	180	2500	290	0680159	0680175	0680142
72	16,4	240	2500	290	0680444	0680443	0680442
80	16,4	240	3000	290	0680160	0680176	0680143
96	20,6	240	3000	320	0680441	0680440	0680439
100	20,6	260	3000	320	0680161	0680177	0680144
120	20,6	260	3000	320	0680162	0680178	0680146
144	20,6	270	3000	320	0680438	0680437	0680436