

A-DQ(ZN)(SR)2Y multitube

Fibre optic cable

70 °C service temperature, outdoor cable, loose tubes, corrugated steel tape armoured, UV and weather resistant
IEC 60793, IEC 60794, ITU-T, VDE 0888

Application

Outdoor fiber optic cable with loose tubes and metallic rodent protection for use as termination and connection cable in wide area and local area networks. For fixed installation outdoors, in ducts or conduits, in dry and wet locations. Suitable for direct ground installation without protection.

Construction



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|-----------------------|-------------------------------------|
| 1. Central element: | Central strength element |
| 2. Fiber: | Optical fibers* |
| 3. Tube: | Gel-filled loose tubes |
| 4. Filler: | Filler elements if needed |
| 5. Water tightness: | Water swellable elements |
| 6. Strength elements: | Non-metallic stress relief elements |
| 7. Armoring: | Corrugated steel tape |
| 8. Outer sheath: | PE, black |

Technical information

*Fiber quality	Singlemode Multimode	ITU-T G.652.D, G.655, G.657 ITU-T G.651: OM2, OM3, OM4
Operating temperature	fixed installation	-20 °C to 70 °C
Installation temperature		-5 °C to 50 °C
Min. bending radius mm	with tensile load without tensile load	15 x outer diameter in mm 10 x outer diameter in mm
Crush resistance		35000 N/dm

Total Fibers	24	24	26	48	60	72	96	144	192	288
Nr. of tubes	4	2	3	4	5	6	8	12	16	24
Fibers / tube	6	12	12	12	12	12	12	12	12	12
Tube diameter	2,0	2,3								
Cable diameter approx. mm	10,3	11,1	11,1	11,1	11,1	11,6	13,0	16,1	16,4	18,5
Weight approx. kg/km	110	120	120	120	120	140	170	245	245	305
Max. tensile load in during installation N	1700	2000	2000	2000	2000	2200	2800	3300	3600	4300
during operation N	1100	1200	1200	1200	1200	1400	1800	2100	2300	2700

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.