

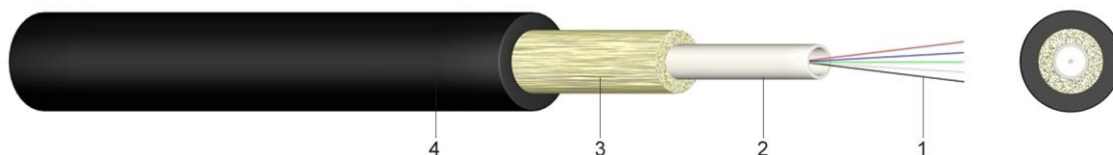


LWL

Fiber optic cable, metal-free with or without non-metallic rodent protection

Application:

Metal-free fiber-optic cables, suitable for underground and tube laying within telecommunication and data systems.



Construction:

- 1 glass fiber (singlemode standard: G.652 D / multimode standard: OM2)
- 2 central tube
- 3 optional rodent protection
- 4 outer sheath of polyethylene (PE), black

Standards:

IEC 60793, IEC 60794

Technical data:

Temperature range

transport / storage
operational

-40°C bis +70°C
-25°C bis +70°C

Bending radius

under tension x diameter
no tension x diameter

20
10

Description	from stock	Overall diameter appr. mm	Weight appr. kg / km	Crush Strength Permanent N/dm	Max. Tractive force N
A-DQ(ZN)2Y					
1 x 12 E9/125	○	9,1	66	1.500	2.000
2 x 12 E9/125	○	9,1	66	1.500	2.000
6 x 4 E9/125	●	10,6	95	1.500	2.000
4 x 12 E9/125	○	9,1	66	1.500	2.000
6 x 12 E9/125	○	9,1	66	1.500	2.000
8 x 12 E9/125	○	10,1	90	1.500	2.000
12 x 12 E9/125	●	12,7	137	1.500	2.000
24 x 12 E9/125	○	15,0	172	1.500	2.000
A-DQ(ZN)B2Y					
1 x 12 E9/125	●	8,5	84	2.000	3.000
2 x 12 E9/125	●	10,3	90	2.000	3.000
4 x 12 E9/125	●	10,3	90	2.000	3.000
6 x 12 E9/125	○	10,3	90	2.000	3.000
8 x 12 E9/125	●	11,8	112	2.000	3.000
12 x 12 E9/125	●	15,0	180	2.000	3.000
24 x 12 E9/125	○	17,7	245	2.000	3.000
A-DQ(ZN)B2Y					
4 G50/125	●	7,0	105	2.000	3.000
8 G50/125	●	7,0	105	2.000	3.000
12 G50/125	●	7,0	105	2.000	3.000
24 G50/125	●	9,0	210	2.000	3.000
4 x 4 G50/125	●	13,0	220	2.000	3.000
2 x12 G50/125	●	11,0	115	2.000	3.000



Description	from stock	Overall diameter appr. mm	Weight appr. kg / km	Crush Strength Permanent N/dm	Max. Tractive force N
ADSS-DQ2Y(ZN)2Y					
6 x 4 E9/125	○	13,5	145	2.000	10.000
6 x 8 E9/125	○	14,6	173	2.000	10.000
8 x 12 E9/125	○	16,6	225	2.000	10.000
12 x 12 E9/125	○	18,5	266	2.000	10.000
A-DQ2Y MINI					
1 x 12 E9/125	●	5,7	29	700	1.000
2 x 12 E9/125	●	5,7	29	700	1.000
4 x 12 E9/125	●	5,7	29	700	1.000
6 x 12 E9/125	●	5,7	29	700	1.000
8 x 12 E9/125	●	6,1	39	700	1.500
12 x 12 E9/125	●	8,0	60	700	1.500
24 x 12 E9/125	○	10,0	98	700	1.500
4 x 24 E9/200	○	6,4	45	500	500
6 x 24 E9/200	○	6,4	45	500	500
8 x 24 E9/200	○	7,6	54	500	600
12 x 24 E9/200	○	10,0	98	500	1.000
A-DQ2Y MICRO					
6 x 4 E9/200	○	3,9	15	300	400
6 x 6 E9/200	○	4,1	16	300	400
6 x 8 E9/200	○	4,4	18	300	400
A-D(ZN)2Y MICRO 7/4					
1 x 4 E9/125	○	2,4	7	1.250	250
1 x 6 E9/125	○	2,4	7	1.250	250
1 x 12 E9/125	○	2,5	8	1.250	250
1 x 24 E9/200	○	2,8	9	1.250	250
A-D(ZN)2Y MICRO 10/6					
1 x 4 E9/125	○	3,3	10	300	250
1 x 6 E9/125	○	3,3	10	300	250
1 x 12 E9/125	○	3,3	10	300	250
1 x 24 E9/125	○	3,6	12	300	250
1 x 36 E9/125	○	3,9	14	300	250
1 x 48 E9/200	○	4,1	15	300	250

Further versions as well as types of glass fiber in Multimode (OM1, OM3, OM4, ...) and Singlemode (G657A1, G657A2, ...) on request.