



Outdoor Cable A-DQ (ZN) B2Y

Application	Characteristics
Outdoor	PE jacket black, non-metallic, longitudinal water tight
Suitable for direct burial, duct or shaft installation	UV resistant, rodent resistant
Primary cabling (Campus), Backbone	Central/Loose tubes, 250µm coating

	Art.-No.	Tubes/Fibers	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
G657A (OS2) 9/125µ	55404.1	04E (1 x 4) Singlemode G657A	A-DQ(ZN)B2Y 04E9/125	7,0 mm	50kg / km	1600 N	140 mm
	55408.1	08E (1 x 8) Singlemode G657A	A-DQ(ZN)B2Y 08E9/125	7,0 mm	50kg / km	1600 N	140 mm
	55412.1	12E (1 x 12) Singlemode G657A	A-DQ(ZN)B2Y 12E9/125	7,0 mm	50kg / km	1600 N	140 mm
	55424.1	24E (1 x 24) Singlemode G657A	A-DQ(ZN)B2Y 24E9/125	7,4 mm	57kg / km	1600 N	150 mm
	55448.1	48E (4 x 12) Singlemode G657A	A-DQ(ZN)B2Y 48E9/125	10,6 mm	96kg / km	3500 N	170 mm
	55472.1	72E (6 x 12) Singlemode G657A	A-DQ(ZN)B2Y 72E9/125	11,4 mm	105kg / km	4000 N	230 mm
	55496.1	96E (8 x 12) Singlemode G657A	A-DQ(ZN)B2Y 96E9/125	13,0 mm	132kg / km	5000 N	260 mm
	554144.1	144E (12 x 12) Singlemode G657A	A-DQ(ZN)B2Y 144E9/125	16,3 mm	205kg / km	5500 N	330 mm
OM4 50/125µ	Art.-No.	Tubes/Fibers	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
	55204.10M4	04G (1 x 4) Multimode OM4	A-DQ(ZN)B2Y 04G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55208.10M4	08G (1 x 8) Multimode OM4	A-DQ(ZN)B2Y 08G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55212.10M4	12G (1 x 12) Multimode OM4	A-DQ(ZN)B2Y 12G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55224.10M4	24G (1 x 24) Multimode OM4	A-DQ(ZN)B2Y 24G50/125	7,4 mm	57kg / km	1600 N	150 mm
55248.10M4	48G (4 x 12) Multimode OM4	A-DQ(ZN)B2Y 48G50/125	10,6 mm	96kg / km	3500 N	170 mm	
OM3 50/125µ	Art.-No.	Tubes/Fibers	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
	55204.10M3	04G (1 x 4) Multimode OM3	A-DQ(ZN)B2Y 04G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55208.10M3	08G (1 x 8) Multimode OM3	A-DQ(ZN)B2Y 08G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55212.10M3	12G (1 x 12) Multimode OM3	A-DQ(ZN)B2Y 12G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55224.10M3	24G (1 x 24) Multimode OM3	A-DQ(ZN)B2Y 24G50/125	7,4 mm	57kg / km	1600 N	150 mm
55248.10M3	48G (4 x 12) Multimode OM3	A-DQ(ZN)B2Y 48G50/125	10,6 mm	96kg / km	3500 N	170 mm	
OM2 50/125µ	Art.-No.	Tubes/Fibers	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
	55204.1	04G (1 x 4) Multimode OM2	A-DQ(ZN)B2Y 04G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55208.1	08G (1 x 8) Multimode OM2	A-DQ(ZN)B2Y 08G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55212.1	12G (1 x 12) Multimode OM2	A-DQ(ZN)B2Y 12G50/125	7,0 mm	50kg / km	1600 N	140 mm
	55224.1	24G (1 x 24) Multimode OM2	A-DQ(ZN)B2Y 24G50/125	7,4 mm	57kg / km	1600 N	150 mm
55248.1	48G (4 x 12) Multimode OM2	A-DQ(ZN)B2Y 48G50/125	10,6 mm	96kg / km	3500 N	170 mm	
OM1 62,5/125µ	Art.-No.	Tubes/Fibers	VDE-Type	Cable	Weight	Tensile Force	Bending Radius
	55304.1	04G (1 x 4) Multimode OM1	A-DQ(ZN)B2Y 04G62,5/125	7,0 mm	50kg / km	1600 N	140 mm
	55308.1	08G (1 x 8) Multimode OM1	A-DQ(ZN)B2Y 08G62,5/125	7,0 mm	50kg / km	1600 N	140 mm
	55312.1	12G (1 x 12) Multimode OM1	A-DQ(ZN)B2Y 12G62,5/125	7,0 mm	50kg / km	1600 N	140 mm
55324.1	24G (1 x 24) Multimode OM1	A-DQ(ZN)B2Y 24G62,5/125	7,4 mm	57kg / km	1600 N	150 mm	

Standards	Temperature Range
Flame retardant: --, Longitudinal water tight: IEC 60794-1-2	Operation: -20°C ~ 70°C / G.657A1 Fiber-40°C~ 70°C
Transmission specifications: IEC 60793, ITU-T G.657A1 bend insensitive, G651	Transport / Storage: -30°C~ 70°C
Cabling: ISO/IEC 11801, EN 50173	Installation: -5°C ~ 50°C