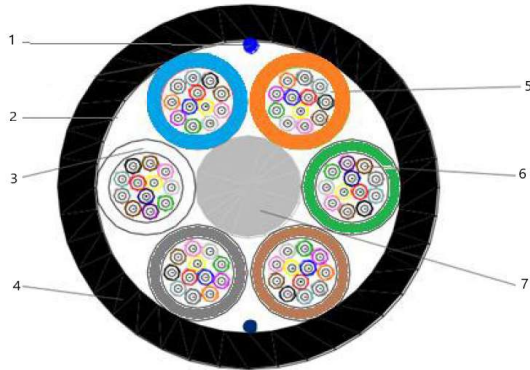
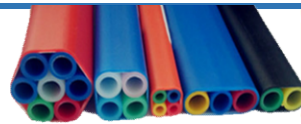




A-DQ(ZN)2Y Ext. Multitube

Micro cable for Air Blowing purposes
Suitable for exterior use only



Product description

This micro cable is designed for Air Blowing applications. Due to its reduced diameter it is perfect for micro ducts. The PEHD outer jacket makes it perfect for blowing long distances.

Features

- Metal free
- Exterior Micro airblown cable
- Glass yarn strength member
- PEHD
- Thixotropic Jelly filled Loose tube

Cable construction

- 1 Ripcord
- 2 Water Swellable Aramid Yarn
- 3 Loose Tube
- 4 PE Jacket
- 5 Thixotropic Jelly
- 6 Optical fiber
- 7 Central strength member

Sheet marking

- Name, fiber count, fiber type, product code, cable type, date, meter marking



All product specifications are subject to change without notice to improve reliability, function or design or otherwise.

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complex Optical Networks. This is achieved by our user friendly planning apps and information, sophisticated products and transparent support. Relying on our superior product quality, all items are supplied with life time warranty.



Ordering information

Partnumber	Description
CA-ADQ(ZN)2YMC-A1-48	Ext · SM G657.A1 9/125 · Micro Air Blown Cable Multitube · 48 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A1-72	Ext · SM G657.A1 9/125 · Micro Air Blown Cable Multitube · 72 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A1-96	Ext · SM G657.A1 9/125 · Micro Air Blown Cable Multitube · 96 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A1-144	Ext · SM G657.A1 9/125 · Micro Air Blown Cable Multitube · 144 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A2-48	Ext · SM G657.A2 9/125 · Micro Air Blown Cable Multitube · 48 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A2-72	Ext · SM G657.A2 9/125 · Micro Air Blown Cable Multitube · 72 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A2-96	Ext · SM G657.A2 9/125 · Micro Air Blown Cable Multitube · 96 Fibers · 12 Fibers per tube · PEHD
CA-ADQ(ZN)2YMC-A2-144	Ext · SM G657.A2 9/125 · Micro Air Blown Cable Multitube · 144 Fibers · 12 Fibers per tube · PEHD

CA-ADQ(ZN)2YMC-A1-144

Field of application	
Indoor Cable	I
Outdoor Cable	A
Universal Cable	U

Buffered Fiber Type	
Tight Buffered Fiber	V
Gel-Filled Loose tube	D
Fel-filled Plastic tube	W

Constructional composition	
Dry core, Longitudinally watertight	Q
Grease filled	F
Non-metallic strain relief	(ZN)
Steel strain relief	(ZS)
Armour	B
Corrugated steel cladding	W

Inner Jacket Mixtures	
PVC (Polyvinyl Chloride)	Y
PE (Polyethylene)	2Y
PA (Polyamide)	4Y
ETFE (Tetrafluoroethylene)	7Y
PP (Polypropylene)	9Y
PUR (Polyurethane)	11Y
H (FRNC Jacket; TPE-O)	H

Fiber amount	
36 Fibers	36
48 Fibers	48
60 Fibers	60
72 Fibers	72
96 Fibers	96
144 Fibers	144
192 Fibers	192
288 Fibers	288
576 Fibers	576

Fiber type	
Singlemode G652.D	2D
Singlemode G657.A1	A1
Singlemode G657.A2	A2
Multimode OM1	M1
Multimode OM2	M2
Multimode OM3	M3
Multimode OM4	M4

Cable Type	
Micro Cable Multitube	MC
Micro Cable Unitube	MU
EPFU Cable	EP
Tactical Fiber Cable	TF
Breakout Cable	BO



Performance specifications

Cable Construction				
Cable Capacity	48	72	96	144
Number of Loose tubes	4	6	8	12
Number of fibers per tube	12			
Number of subunits	6	6	8	12
Number of fillers	2	0	0	0
Loose Tube	Material	PBT		
	Diameter	1,5± 5mm		
	Type of filling	Thixotropic Jelly		
Central Strenght Member	Material	Non Metallic GFRP		
	Diameter	1,6 mm	1,8 mm	2,5 mm
	PE coated Ø	1,6 mm	2,4 mm	4,4 mm
Water Blocking	Water blocking aramid yarns on core Water blocking yarns on FRP			
Outer sheath material	HDPE 0,6mm (nominal thickness)			
Cable diameter (± 0,2 mm)	5,8 mm	6,6 mm	8,6mm	
Cable weight (kg/km ± 10%)	27	36	62	

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Performance specifications

Mechanical characteristics		
Test	48	
Tensile Force Installation	12-96F Load= 500N, 1min 144F Load= 1000N, 1min	0,1 dB but reversible to 0,05 dB, fiber strain 0,33%
Tensile Force Operation	12-96F Load= 100N, 1min 144F Load= 200N, 1min	0,05 dB, fiber strain 0,05%
Impact	IEC 60794-1-2-E4 Optical: -IEC 60794-3	Change in attenuation to be reversible, for the sum of all spliced fibres 0,05bD
Crush resistance	IEC 60794-1-2-E3 Duration of load: 15 min, Force applied: 500 N/100 mm.	0,05 dB, no damage
Repeated bending	IEC 60794-1-2-E6 Radius $r=15*d$ (d =cablediameter) 30 N load, 50 cycles,	0,05 dB, no damage
Torsion	IEC 60794-1-2-E7 Number of cycles= 5, $\pm 180^\circ$ Load 30 N	0,05 dB, no damage
Bending radius	IEC 60794-1-2-E11 Radius : 20xD	0,05 dB, no damage

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