

MLT Blown Micro Cable

ID: **Z019**

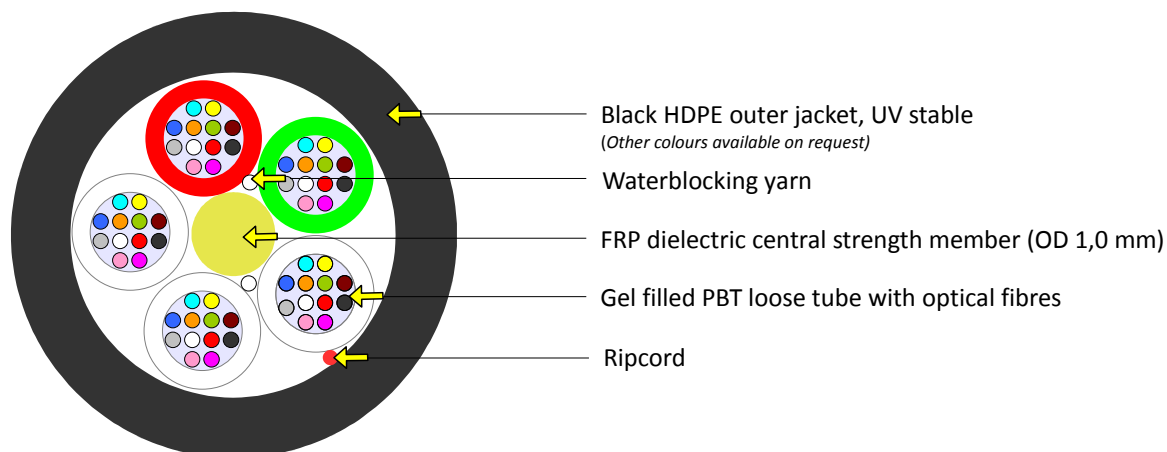


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22.9.2014 ver.1

A-DQ(ZN)2Y HD 5×1,5 max. 60F

This cable is certified for blowing into tube 10/8



Order example

2100 m A-DQ(ZN)2Y HD 60E9/125G.657.A1 jacket colour BLK, cable specification Z019

Fibre colour coding

According to IEC 60304

1 Red	7 Brown
2 Green	8 Violet
3 Blue	9 Turquoise
4 Yellow	10 Black
5 White	11 Orange
6 Grey	12 Pink

Other fibre colour sequences available on request

Fibre Type

SMF ITU-T G.657.A (AllWave-Flex)
SMF ITU-T G.657.B3 (AllWave-Flex)
SMF ITU-T G.655 C&D (TrueWave RS)
SMF ITU-T G.655.C&E G.656 (TrueWave Reach)

See the Fibre Specification sheet

Sheat Marking

Print colour White
Print method INK-Jet
Print legend manufacturer's name, job number, type of cable, length marking @ 1 m intervals

Other print legends available on request

Tube colour coding

- 1 Red
- 2 Green
- 3 – 5 White

in the case of lower number of fibres some tubes are replaced by uncoloured fillers

Other tubes colour sequences available on request

Packaging Standard put-up length / Drum size

Plywood	2100 m	600×300×390
	4100 m	755×300×390
	6100 m	1000×640×600
	8100 m	1000×640×600

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Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	5,0 ± 0,4	mm	EN 60811-1-1	
Cable weight	22	kg/km		- calculated
Outer jacket thickness	min. 0,45	mm		
Loose tube diameter	1,5	mm		
Coefficient of friction	0,12			
Max. tensile strength	500	N	EN 60974-1-2-E1	- max. fibre strain 0,6% - long term 100N - no fibre strain for long term load - max. attenuation variation ≤ 0,1 dB at 1550 nm - no increase attenuation after the test
Crush resistance test	1500	N	EN 60974-1-2-E3	- plate dimension 100×100 mm - max. attenuation variation ≤ 0,05 dB at 1550 nm - duration of loading 1 min. - no increase attenuation after the test
Impact resistance test	3	Number of impact	EN 60974-1-2-E4	- impact energy 5 Nm, slightly damaged jacket - impact energy 15 Nm, no jacket cracking - max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Min. bend radius (no load)	15	× OD	EN 60974-1-2-E11a	- max. attenuation variation ≤ 0,1 dB at 1550 nm - no increase attenuation after the test
Min. bend radius (load)	20	× OD	EN 60974-1-2-E11b	- max. attenuation variation ≤ 0,1 dB at 1550 nm - no increase attenuation after the test
Moisture resistance test	pass		EN 609794-1-22-F5	- water height 1 m - sample length 3 m - no leakage on free sample end - duration of test 24h
Temperature range	Installation Operation Storage	-15 to +50°C -30 to +70°C -40 to +70°C	EN 60794-1-22-F1	- max. attenuation variation ≤ 0,05 dB at 1550 nm - Dwell time in max. temperature 24 hours. - When installing or assembly under temperature bellow 5°C cable has to be stock in temp of 20°C at least 24h before installation. - no increase attenuation after the test

Cable life time - minimum 30 years

