

# MLT Blown Micro Cable

ID: **Z019**

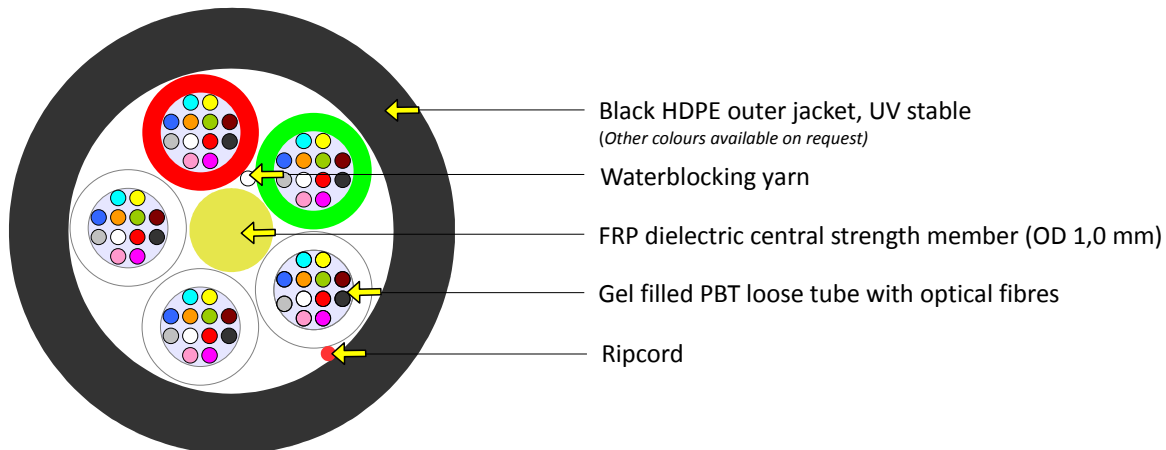


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3.11.2015 ver.3

## A-DQ2Y 5×1,5 max. 60F

This cable is certified for blowing into tube 10/8



### Order example

2100 m A-DQ2Y 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

### 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

### Fibre Type

Single mode fiber 9/125

Multi mode fiber 50/125

Multi mode fiber 62,5/125

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

### Packaging Standard put-up length

Plywood

up to 8000 m \*

\* length toleration ± 5%

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## A-DQ2Y 5×1,5 max. 60F

### Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	5,2 ± 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	250	N	EN 60794-1-21-E1	- max. fibre strain 0,33 % - cable strain 0,4 % - 50N no fibre strain - max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Crush resistance test	1500	N	EN 60794-1-21-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	15	Nm	EN 60794-1-21-E4	- 3 impact - no fibre cracking
Min. bend radius (no load)	15	× OD	EN 60794-1-21-E11a	- max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Min. bend radius (load)	20	× OD	EN 60794-1-21-E11b	- max. attenuation variation ≤ 0,05 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 ≤ 0,1 dB at 1550 nm - Dwell time acc. to EN 60794-1-22 - 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

