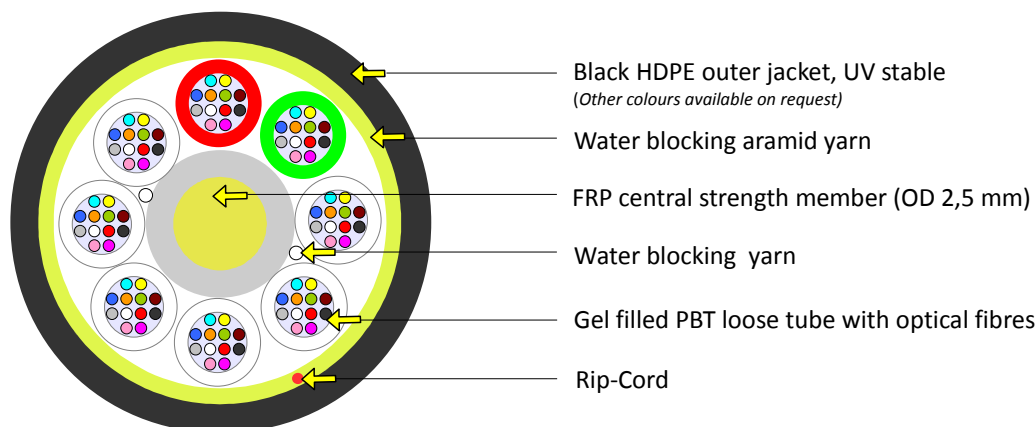


A-DQ(ZN)2Y HD 8×1,5 max. 96F

This cable is certified for blowing into tube 14/10



Order example

2100 m A-DQ(ZN)2Y HD 96E9/125G.657.A1 jacket colour BLK, cable specification QM0I

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

Tube colour coding

1 Red
2 Green
3 – 8 White

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

Other tubes colour sequences available on request

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 / Drum size

Plywood	2100 m*	750×300×390
	4100 m*	1000×640×600
	6100 m*	1000×640×600
	8100 m*	1000×640×600

* ± 5 % , other lengths on request

A-DQ(ZN)2Y HD 8×1,5 max. 96F

Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	6,5 ± 0,4	mm	EN 60811-1-1	
Cable weight	40	kg/km		- calculated
Outer jacket thickness	min. 0,45	mm		
Loose tube diameter	1,5	mm		
Coefficient of friction	0,12			
Max. tensile strength	2000	N	EN 60974-1-2-E1	- max. fibre strain 0,6% - long term 900N - 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
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 below 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

