

# Uni Tube Cable

ID: **BF0I**

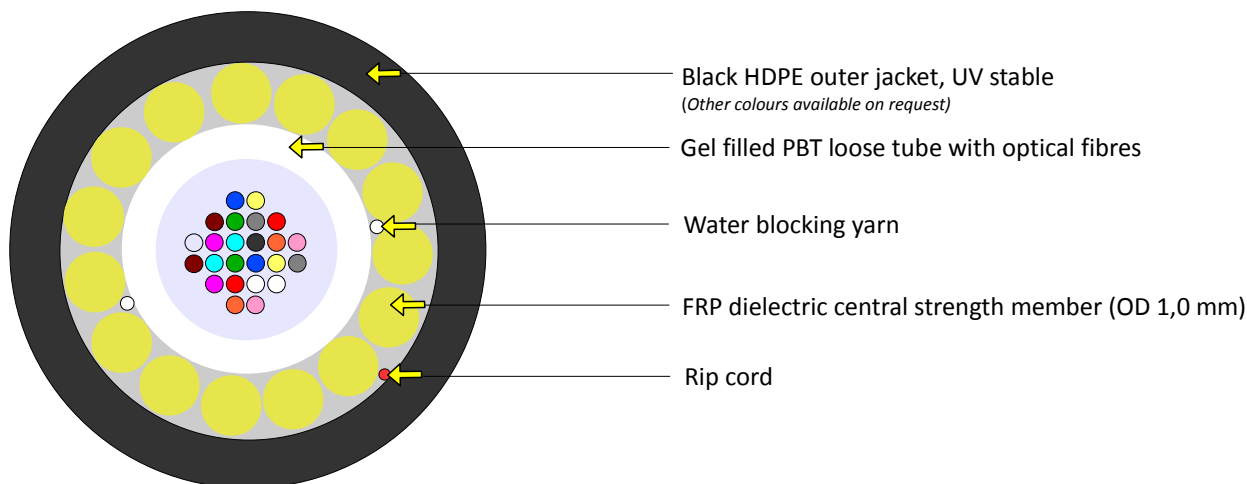


KABELOVNA Děčín Podmokly s.r.o.  
Ústecká 840/33, 405 33 Děčín 5  
Czech Republic  
DIČ CZ26759993  
tel.: +420 412 706 222  
www.kabelovna.cz

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## A-DQ(BN)B2Y HD (FRP1,0) max. 24F

This cable is suitable for outdoor use, direct burial possible. The cable has high level of rodent protection.



### Order example

2100 m A-DQ(BN)B2Y HD (FRP1,0) 24E9/125G.652D jacket colour BLK, cable specification BF0I

### Fibre colour coding

According to IEC 60304

1 Red	7 Brown	13 Red*	19 Brown*
2 Green	8 Violet	14 Green*	20 Violet*
3 Blue	9 Turquoise	15 Blue*	21 Turquoise*
4 Yellow	10 Black	16 Yellow*	22 Natural*
5 White	11 Orange	17 White*	23 Orange*
6 Grey	12 Pink	18 Grey*	24 Pink*

\* with black rings

Other fibre colour sequences available on request

### Sheat Marking

Print colour	White
Print method	INK-Jet or Hot-foil
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	755×300×390
	4100 m	1000×640×600

### Fibre Type

Single mode fiber 9/125  
Multi mode fiber 50/125  
Multi mode fiber 62,5/125  
See the Fibre Specification sheet

## A-DQ(BN)B2Y HD (FRP1,0) max. 24F

### Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	7,4 ± 0,4	mm	EN 60811-1-1	
Cable weight	53	kg/km		- calculated
Outer jacket thickness	1,2 ± 0,2	mm		
Loose tube diameter	3	mm		
Max. tensile strength	2200	N	EN 60974-1-2-E1	- max. attenuation variation ≤ 0,2 dB at 1550 nm - no increase attenuation after the test
Crush resistance test	3000	N	EN 60974-1-2-E3	- plate dimensions 100×100 mm - max. attenuation variation ≤ 0,05 dB at 1550 nm - duration of loading 1 min.
Impact resistance test	3	Number of impact	EN 60974-1-2-E4	- impact energy 15 Nm, slightly damaged jacket - impact energy 20 Nm, no jacket cracking - max. attenuation variation ≤ 0,1 dB at 1550 nm
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
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	-15 to +50°C	EN 60794-1-22-F1	- max. attenuation variation ≤ 0,1 dB at 1550 nm - Dwell time acc.. to EN 60794-1-22-F1 - When installing or assembly under temperature below 5°C cable has to be stock in temp of 20°C at least 24h before installation.
	Operation	-20 to +70°C		
	Storage	-20 to +70°C		

Cable life time - minimum 30 years

