

Uni Tube Cable FRP Armoured

ID: **BF02**

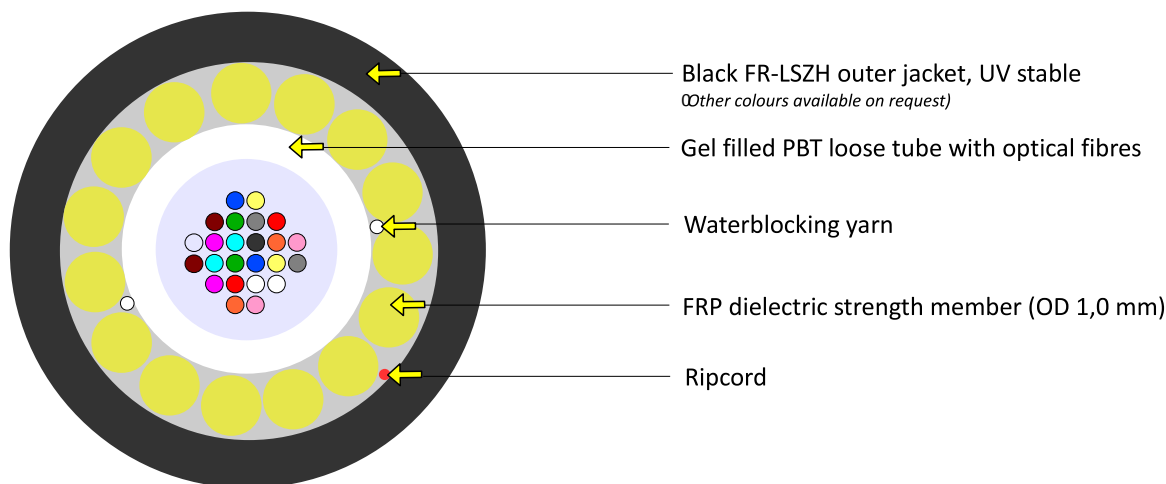


KABELOVNA Děčín Podmokly s.r.o.
Ústecká 840/33, 405 33 Děčín 5
Czech Republic
DIČ CZ26759993
tel.: +420 412 706 222
www.kabelovna.cz

3.11.2015 ver.12

J/A-DQ(BN)BH (FRP1,0) max. 24F

This cable is suitable for indoor or outdoor use, direct burial possible.



Order example

2100 m J/A-DQBH (FRP1,0) 24E9/125 G.657.A1 jacket colour BLK, cable specification BF02

Fibre colour coding

According to IEC 60304

1 Red	7 Brown	13 Red*	19 Brown*
# Green	\$ Violet	14 Green*	#' Violet*
Blue	" Turquoise	15 Blue*	21 Turquoise*
& Yellow	10 Black	16 Yellow*	## Natural*
) White	11 Orange	17 White*	# Orange*
+ Grey	12 Pink	18 Grey*	#& Pink*

* with black rings

Other fibre 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

Plywood	up to 8000 m *
	* length toleration $\pm 5\%$

Fibre Type

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

Uni Tube Cable FRP Armoured

ID: **BF02**



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

3.11.2015 ver.12

J/A-DQ(BN)BH (FRP1,0) max. 24F

Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	7,4 ± 0,4	//	EN 60811-1-1	
Cable weight	+&	kg/km		- calculated
Outer jacket thickness	1,2	//		
Loose tube diameter	3,0	//		
Max. tensile strength)"	,	EN 60794-1-21-E1	- max. fibre strain 0,33% - max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Crush resistance test	'''	,	EN 60794-1-21-E3	- plate dimensions 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	#)	,/	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)	#'	× 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 60794-1-22-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 -40 to +70°C -40 to +70°C	EN 60794-1-22-F1	- max. attenuation variation ≤ 0,2 dB at 1550 nm - Dwell time acc.. to EN 60794-1-22-F1. - 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

