

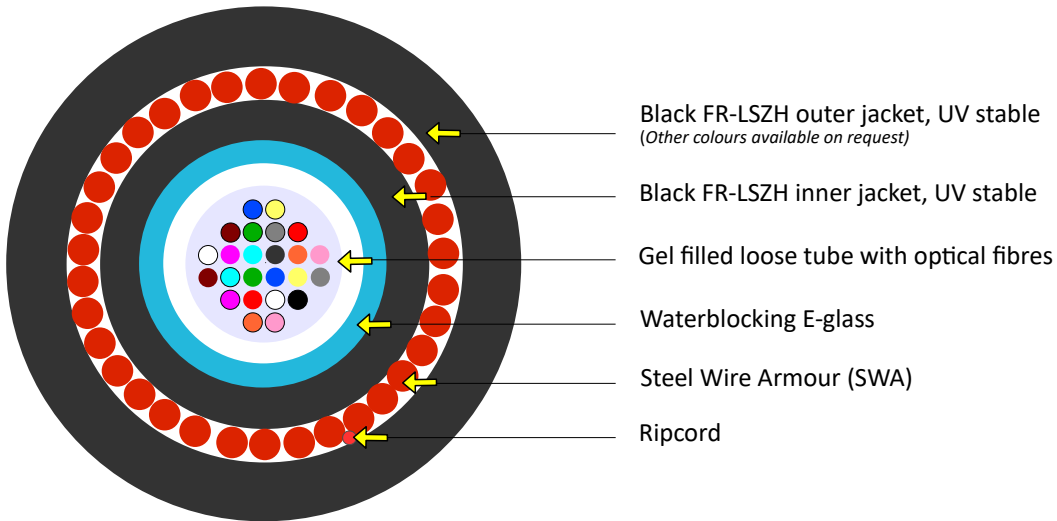
Steel Wire Armoured

ID: **BWF2**

17. 3. 2025 ver. 19

J/A-DQ(BN)HBH (R1,0vzk) max. 24F

This cable is suitable for direct burial.



Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	11,0 ± 0,4	mm	EN 60811-203
Cable weight	231	kg/km	
Outer jacket thickness	1,4	mm	
Loose tube diameter	3	mm	
Max. tensile strength	4000	N	EN 60794-1-21-E1
Crush resistance test	4000	N	EN 60794-1-21-E3
Impact resistance test	30	Nm	EN 60794-1-21-E4
Min. bend radius (no load)	15	× OD	EN 60794-1-21-E11a
Min. bend radius (load)	20	× OD	EN 60794-1-21-E11b
Moisture resistance test	pass		EN 60794-1-22-F5
Temperature range	Installation	-15 to +50	°C
	Operation	-30 to +70	°C
	Storage	-30 to +70	°C
Fire properties – Flammability	pass		EN60332-3-22 (cat.A)
Fire properties – Acid gases	pass		EN 60754-1, EN 60754-2
Fire properties – Smoke density	pass		EN 61034-1, EN 61034-2

Cable life time - minimum 30 years

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

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 Natur*
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

Packing

Depending on ordered put-up lengths

