

Distribution Cable

ID: **5Ex8**

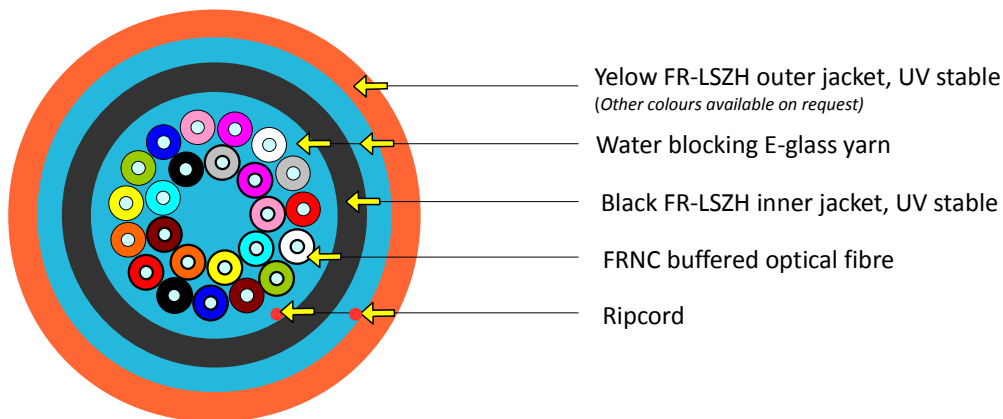


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J/A-VQ(BN)HBH max. 24F

This cable is suitable for outdoor installation. The cable has increased tensile strength.



Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	2F	8,6 ± 0,4	mm EN 60811-203
	4F	9,1 ± 0,4	
	6F	9,5 ± 0,4	
	8F	10,2 ± 0,4	
	12F	11,1 ± 0,4	
	16F	12,6 ± 0,4	
Cable weight	2F	85	kg/km
	4F	97	
	6F	104	
	8F	116	
	12F	135	
	16F	165	
Outer jacket thickness	2F	1,2	mm
	4F	2500	
	6F	2800	
	8F	3000	
	12F	4500	
	16F	4700	
Max. tensile strength	2F	85	N EN 60974-1-2-E1
	4F	97	
	6F	104	
	8F	3300	
	12F	4500	
	16F	4700	
Crush resistance test	2F	2000	N EN 60974-1-2-E3
	4F	2500	
	6F	2800	
	8F	3000	
	12F	4500	
	16F	4700	
Impact resistance test	2F	15	Number of impact EN 60974-1-2-E4
	4F	2500	
	6F	2800	
	8F	3000	
	12F	4500	
	16F	4700	
Min. bend radius (no load)	10	× OD	EN 60974-1-2-E11a
	15	× OD	EN 60974-1-2-E11b
	Moisture resistance test		
Temperature range	Installation	-5 to +50°C	EN 60794-1-22-F1
	Operation	-20 to +60°C	
	Storage	-20 to +60°C	
Fire properties – Flammability	pass	EN60332-3-22 (catA)	
Fire properties – Acid gases	pass	EN 60754-1	
Fire properties – Smoke density	pass	EN 61034-1	
	pass	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 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

Packing

Depending on ordered put-up lengths

