

Distribution Cable

ID: **5Ex1**

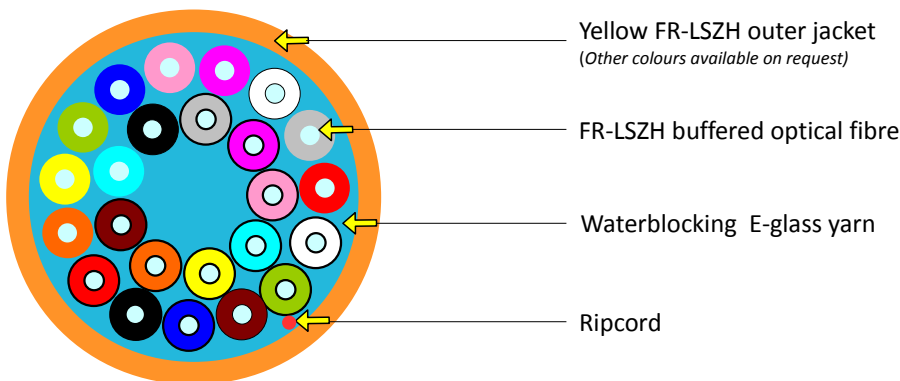


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J/A-VQ(BN)H max. 24F

This cable is suitable for indoor or outdoor use.



Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	2F	5,5 ± 0,5	mm EN 60811-203
	4F	6,0 ± 0,5	
	6F	6,3 ± 0,5	
	8F	7,1 ± 0,5	
	12F	8,1 ± 0,5	
Cable weight	2F	32	kg/km
	4F	39	
	6F	42	
	8F	51	
	12F	64	
Max. tensile strength	16F	85	N EN 60794-1-21-E1
	24F	109	
	2F	1500	
	12F	2500	
	16F	2700	
Crush resistance test	2F	850	N EN 60794-1-21-E3
	4 – 6F	1200	
	8F	1500	
	12F	2500	
	16F	2700	
Impact resistance test	2F	2000	Nm EN 60794-1-21-E4
	4 – 6F	1200	
	8F	1500	
	12F	2500	
	16F	2700	
Min. bend radius (no load)	15	× OD	EN 60794-1-21-E11a
	20	× OD	EN 60794-1-21-E11b
	pass		EN 60794-1-22-F5
Moisture resistance test	pass		EN 60794-1-22-F5
	Installation	-5 to + 50	°C
	Operation	-20 to + 60	°C
Temperature range	Storage	-20 to + 60	°C
			EN 60794-1-22-F1
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

Buffer

5E1	Tight	strip. up to 10 cm
5E1	Free	strip. more than 100 cm
Colour 1 st to 12 th	red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink,	
Colour 13 th to 24 th	red, green, blue, yellow, white, grey, brown, violet, turquoise, natur, orange, pink- with black rings (according to IEC 60304)	
Material	FR-LSZH	

Outer jacket

Jacket material	FR-LSZH
Jacket colour	MM 50/125 Green MM62,5/125 Orange

Other jacket colours 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

Packing

Depending on ordered put-up lengths

