

Distribution Cable

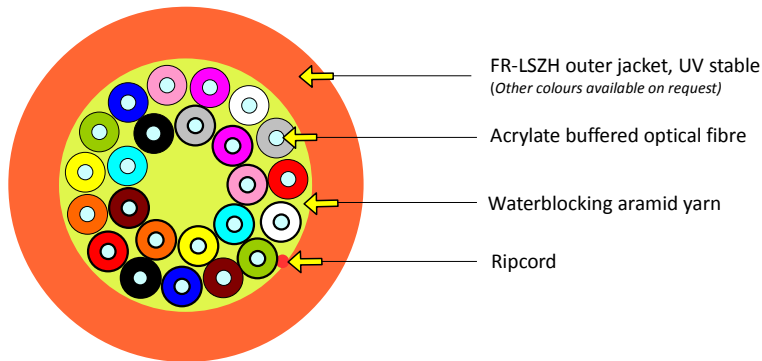
ID: **5VA1**



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

This cable is suitable for indoor or outdoor installation.



Mechanical and Environmental properties

Cable outer diameter	2F	4,4 ± 0,5	mm	EN 60811-203
	4F	5,1 ± 0,5		
	6F	5,3 ± 0,5		
	8F	5,9 ± 0,5		
	10F	6,1 ± 0,5		
	12F	6,4 ± 0,5		
	16F	7,5 ± 0,5		
Cable weight	2F	20	kg/km	
	4F	25		
	6F	28		
	8F	33		
	10F	35		
	12F	38		
Outer jacket thickness	<12F	1	mm	
	>12F	1,2	mm	
Secondary coating diameter		0,9	mm	
Max. tensile strength	2F	550	N	EN 60794-1-21-E1
	4F	750		
	6F	900		
	8F	1000		
	10F	1000		
	12F	1100		
	16F	1300		
24F	1600			
Crush resistance test	2000	N	EN 60794-1-21-E3	
Impact resistance test	20	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	
Temperature range	Installation Operation Storage	-30 to + 60°C	EN 60794-1-22-F1	
		-40 to + 70°C		
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Fire properties – Flammability	pass	EN 60332-3-22 (caLA)		
Fire properties – Acid gases	pass	EN 60754-1		
	pass	EN 60754-2		
Fire properties – Smoke density	pass	EN 61034-1		
	pass	EN 61034-2		
Cable life time - minimum 30 years				

Buffer

5VA1	Tight	strip. up to 7 cm
5VA1	Semi-tight	strip. more than 10 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, black*, orange, pink – with black rings	
	* white ring	
	(according to IEC 60304)	
Material	FR-LSZH	

Outer jacket

Jacket material	FR-LSZH
Jacket colour	SM 9/125 Yellow
	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

