

Distribution Cable

ID: **5VA1**

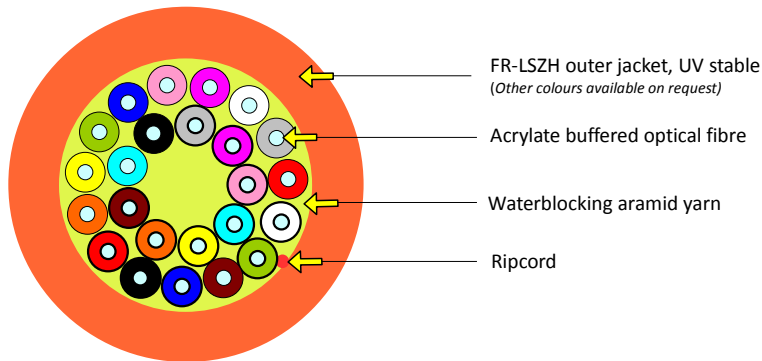


KABELOVNA Děčín Podmokly s.r.o.
Ústecká 840/33, 405 33 Děčín 5
Czech Republic
DIČ CZ26759993
tel.: +420 412 706 222
www.kabelovna.cz

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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		
	16F	52		
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		
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	-30 to +60°C		EN 60794-1-22-F1
	Operation	-40 to +70°C		
	Storage	-40 to +70°C		
Fire properties – Flammability		pass		EN 60332-3-22 (cat.A)
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		UV curable acrylate

Outer jacket

Jacket material	FR-LSZH	
Jacket colour	SM 9/125	Yellow
	MM 50/125	Green
	MM 62,5/125	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

