

Distribution Cable

ID: **5Ex8**

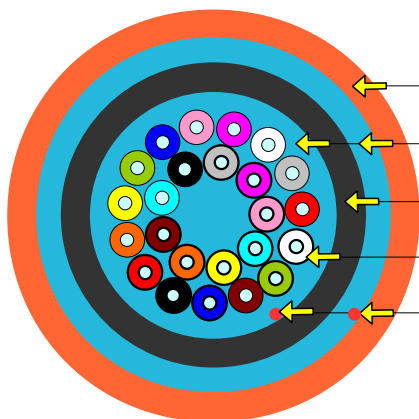


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J/A-VQ(BN)H(BN)H max. 24F

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



Yellow FR-LSZH outer jacket, UV stable
 (Other colours available on request)

Water blocking E-glass yarn

Black FR-LSZH inner jacket, UV stable

FRNC buffered optical fibre

Ripcord

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	24F	14,4 ± 0,4	kg/km		
	2F	85			
	4F	97			
	6F	104			
	8F	116			
	12F	135			
Outer jacket thickness	16F	166	mm		
	24F	203			
	2F	2500			
	4F	2800			
	6F	3000			
	8F	3300			
Max. tensile strength	12F	4500	N EN 60974-1-2-E1		
	16F	4700			
	24F	5500			
	Crush resistance test	2000		N	EN 60974-1-2-E3
	Impact resistance test	15		Number of impact	EN 60974-1-2-E4
	Min. bend radius (no load)	10		× OD	EN 60974-1-2-E11a
Min. bend radius (load)	15	× OD	EN 60974-1-2-E11b		
Moisture resistance test	pass		EN 60794-1-22-F5		
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			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	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

