

CLT Fire Resistant Cable

ID: **Z297**

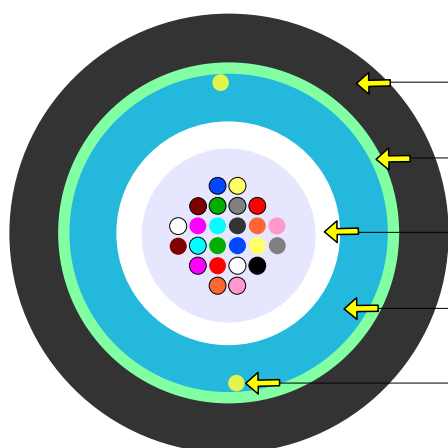


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31.10.2016 ver.2

J/A-DQ(BN)(SR)H FSC90 max. 24F

This cable is suitable for indoor or outdoor installation. The cable is fire resistant.



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

Corrugated steel tape

Gel filled loose tube with optical fibres

Waterblocking E-glass yarn

Ripcord

Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	8,9 ± 0,4	mm	EN 60811-203
Cable weight	108	kg/km	
Outer jacket thickness	1,8	mm	
Loose tube diameter	3	mm	
Max. tensile strength	1500	N	EN 60794-1-21-E1
Crush resistance test	10000	N	EN 60794-1-21-E3
Impact resistance test	30	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
Moisture resistance test	pass		EN 609794-1-22-F5
Temperature range	Installation	-15 to +50	°C
	Operation	-30 to +70	°C
	Storage	-30 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

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	Natur*
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

