

# MLT Fire Resistant Cable CST Armoured

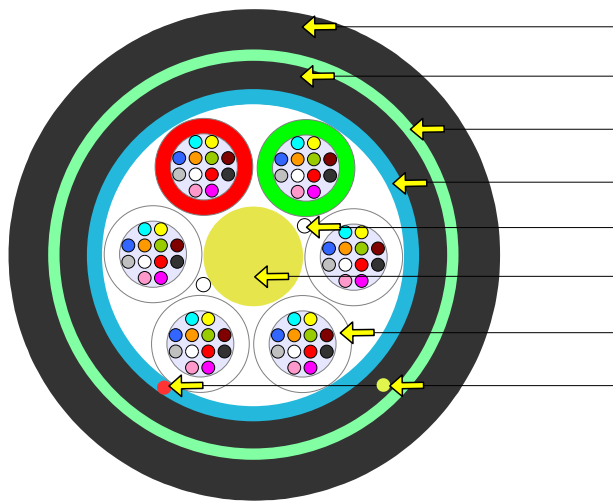


ID: **Z282**

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 15. 3. 2022 ver. 6

## J/A-DQ(BN)H(SR)H FSC180 6×1,7 max. 72F

This cable is suitable for indoor or outdoor use. The cable has full rodent protection, direct burial possible, fire resistant.



- Black FR-LSZH outer jacket, UV stable  
*(Other colours available on request)*
- Black FR-LSZH inner jacket, UV stable
- Corrugated steel tape
- Waterblocking E-glass
- Waterblocking yarn
- FRP dielectric central strength member (OD 1,8 mm)
- Gel filled PBT loose tube with optical fibres
- Ripcord

### Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	15,5 ± 0,4	mm	EN 60811-203
Cable weight	291,1	kg/km	
Inner jacket thickness	1,4	mm	
Outer jacket thickness	2	mm	
Loose tube diameter	1,7	mm	
Max. tensile strength	3000	N	EN 60794-1-21-E1
Crush resistance test	5000	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	-40 to +80	°C
	Storage	-40 to +80	°C
Fire properties-Flammability	pass		EN 60332-3-22 (cat. A)
Fire properties-Acid gases	pass		EN 60754-1, EN 60754-2
Fire properties-Smoke density	pass		EN 61034-1, EN 61034-2
Circuit integrity	pass		ČSN IEC 60331-11-1 ČSN IEC 60331-25-1

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
2	Green	8	Violet
3	Blue	9	Turquoise
4	Yellow	10	Black
5	White	11	Orange
6	Grey	12	Pink

*\*with black rings*

*Other fibre colour sequences available on request*

### Tube colour coding

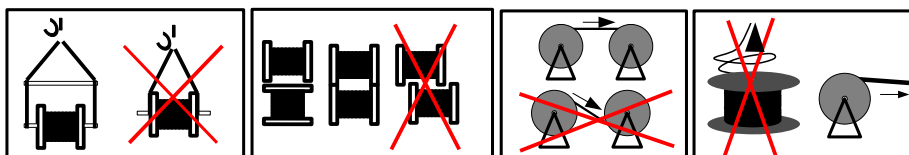
1	Red
2	Green
3 – 6	White

*In the case of lower number of fibres some tubes are replaced by uncoloured fillers*

*Other tubes colour sequences available on request*

### Packing

Depending on ordered put-up lengths



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