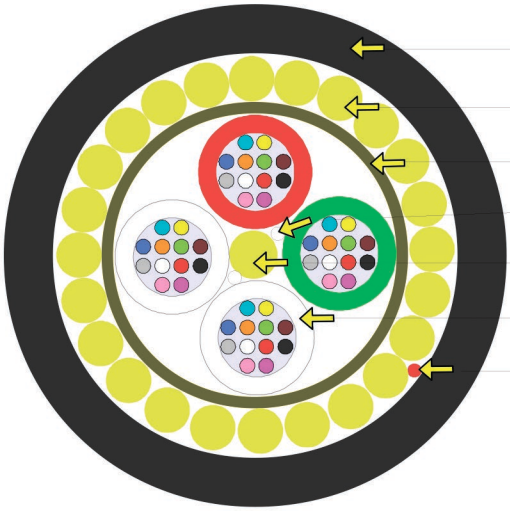
MLT Cable FRP Armoured

ID: LF02

J/A-DQBH (FRP 1,0) 4×2,3 max. 48F

This cable is suitable for indoor or outdoor use. The cable is full dielectric, rodent protection and direct burial possible.



Black FRNC outer jacket, UV stable
(Other colours available on request)

FRP armouring (OD 1,0 mm cca. 22 ± 1 pcs)

Water-swellable tape

Waterblocking yarn

FRP dielectric central strength member (OD 1,0 mm)

Gel filled loose tube with optical fibres

Ripcord

Mechanical and Environmental properties

Test		Value	Unit	Method
Cable outer diameter		11,0 ± 0,4	mm	EN 60811-1-1
Cable weight		131	kg/km	
Outer jacket thickness		1,5	mm	
Loose tube diameter		2,3	mm	
Max. tensile strength		4200	N	EN 60794-1-21-E1
Crush resistance test		4000	N	EN 60794-1-21-E3
Impact resistance test		3	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	EN 60794-1-22-F1
	Operation	-40 to +70	°C	
	Storage	-40 to +70	°C	
Fire properties – Flammability		pass		EN60332-3-22 (cat.A), ČSN EN 50266-2-2
Fire properties – Acid gases		pass		EN 50267, EN 50267-2-2, EN 50267-2-3, EN 60754-1, EN 60754-2
Fire properties – Smoke density		pass		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
2	Green	8	Violet
3	Blue	9	Turqoise
4	Yellow	10	Black
5	White	11	Orange
6	Grey	12	Pink

Other fibre colour sequences available on request

Tube colour coding

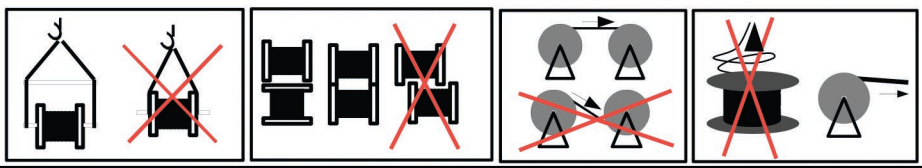
1	Red
2	Green
3 – 4	White

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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