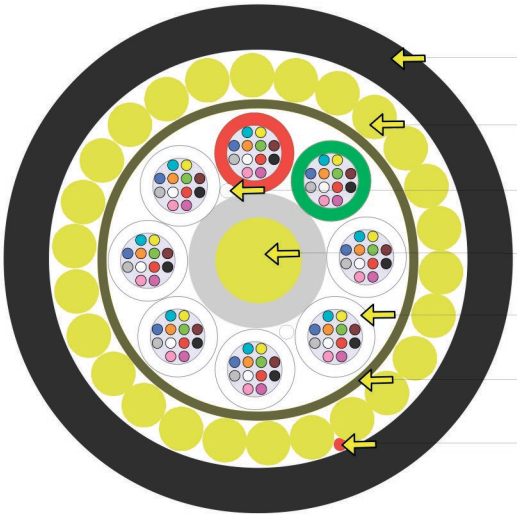
MLT Cable FRP Armoured

ID: GF02

A-DQBH (FRP 1,0) 8×2,3 max. 96F

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



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

FRP armoured (OD 1,3 mm cca. 24 ± 1 pcs))

Waterblocking yarn

FRP dielectric central strength member (OD 2,5 mm) PE coated (OD 3,8 mm)

Gel filled loose tube with optical fibres

Water-swellable tape

Ripcord

Mechanical and Environmental properties

Test		Value	Unit	Method
Cable outer diameter		14,4 ± 0,4	mm	EN 60811-1-1
Cable weight		223	kg/km	
Outer jacket thickness		1,5	mm	
Loose tube diameter		2,3	mm	
Max. tensile strength		9000	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

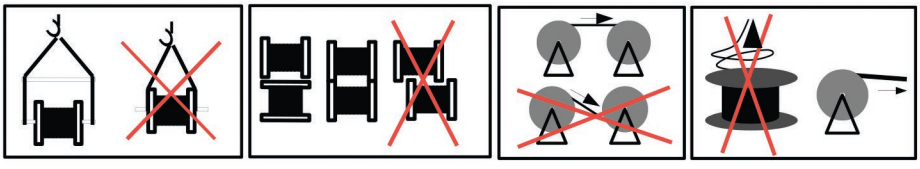
1	Red
2	Green
3 – 8	White

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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