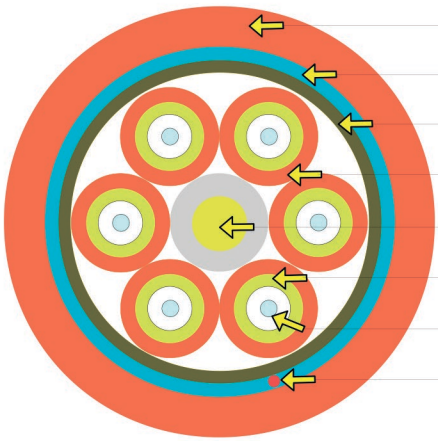
Breakout Cable

ID: **42x8**

T-V(ZN)H(BN)H Breakout 2,0 mm 2 -24F

This cable is suitable for indoor use.



Yellow FR-LSZH outer jacket
(*Other colours available on request*)

Waterblocking E-glass yarn

Water-swelable tape

FR-LSZH Simplex cable

Central FRP strength member (PE coated when necessary)

Aramid

Buffered optical fibre

Ripcord

*The picture represents a cable with **6** optical fibres.*

Mechanical and Environmental properties

Test		Value	Unit	Method
Cable outer diameter	4F	8,4 ± 0,4	mm	EN 60811-203
	6F	9,3 ± 0,4		
	8F	10,8 ± 0,4		
	12F	13,0 ± 0,4		
	16F	12,8 ± 0,4		
	18F	13,2 ± 0,4		
	24F	15,4 ± 0,4		
Cable weight	2F	76	kg/km	
	4F	79		
	6F	100		
	8F	128		
	12F	181		
	16F	175		
	18F	190		
	24F	248		
Secondary coating material		FR-LSZH		
Secondary coating diameter		0,9	mm	
Simplex diameter		2	mm	
Outer jacket thickness		1,2	mm	
Max. tensile strength	2 – 4F	2400	N	EN 60794-1-21-E1
	6F	3000		
	8F	3600		
	12F	3800		
	16F	3600		
	18F	3900		
	24F	4500		
Crush resistance test		2000	N	EN 60794-1-21-E3
Impact resistance test		20	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
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		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

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

Buffer

42T8	Tight	strip.up to 10cm
42F8	Free	strip.more than 100cm
Colour	Natur	
Material	FR-LSZH	

Other buffer colours available on request.

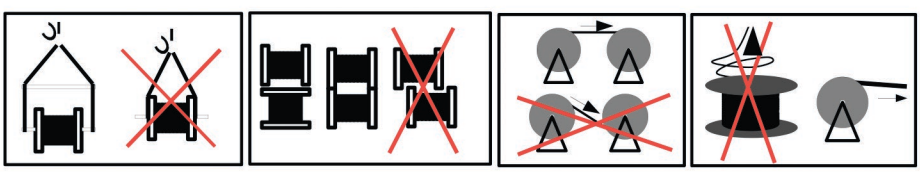
Simplex and Outer jacket

Material	FR-LSZH
Colour	SM 9/125 – Yellow
	MM 50/125 - Green
	MM 62,5/125 - Orange

Other jacket colours available on request

Packing

Depending on ordered put-up lengths



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