

Heavyduplex Cable

ID: **32x1, 34x1, 38x1, Z176, Z235, Z279**

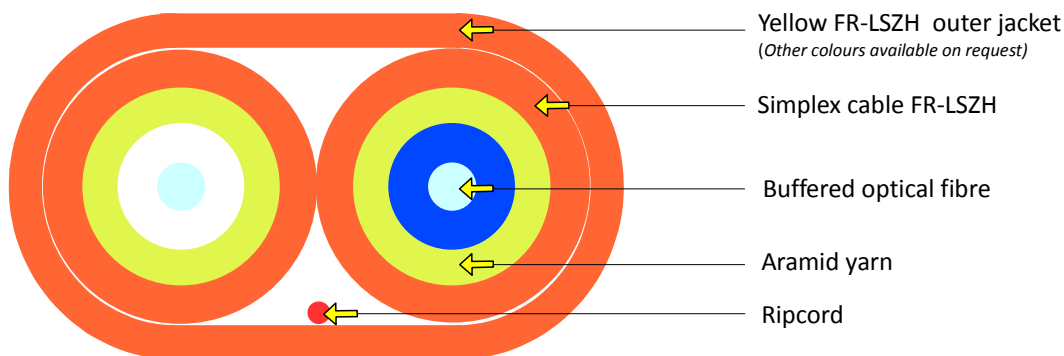


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J-V(ZN)HH

This cable is suitable for indoor use.



Mechanical and Environmental properties

Test	Value	Unit	Method
Cable outer diameter	32x1	3,0 × 5,0	mm EN 60811-203
	34x1	3,6 × 6,0	
	38x1	4,2 × 7,0	
	Z176	3,6 × 6,2	
	Z235	3,0 × 5,0	
	Z279	4,2 × 7,0	
Cable weight	32x1	19,0	kg/km
	34x1	28,0	
	38x1	35,0	
	Z176	28,4	
	Z235	18,0	
	Z279	33,5	
Outer jacket thickness	32x1; Z235; Z176	0,5	mm
	34x1	0,6	
	38x1; Z279	0,7	
Secondary coating diameter		0,9	mm
Second. coating mater. 32x1; 34x1; 38x1; Z176		FR-LSZH	
Secondary coating material Z235; Z279		Acrylate	
Simplex diameter	32x1; Z235	2,0	mm
	34x1	2,4	
	38x1; Z279	2,8	
	Z176	2,6	
Max. tensile strength	32x1; Z235	200	N EN 60794-1-21-E1
	34x1; 38x1; Z279	500	
	Z176	600	
Crush resistance test		1000	N EN 60794-1-21-E3
Impact resistance test		5	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 32x1; 34x1; 38x1; Z176	Installation	-0 to + 50	°C EN 60794-1-22-F1
	Operation	-0 to + 50	
	Storage	-0 to + 50	
Temperature range Z235; Z279	Installation	-15 to + 50	°C EN 60794-1-22-F1
	Operation	-20 to + 70	
	Storage	-20 to + 70	
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

Packing

Depending on ordered put-up lengths

Buffer 32x1; 34x1; 38x1

Tight	strip. up to 10 cm (xx*)
Free	strip. more than 100 cm (xx*)
Material	FR-LSZH
Colours	1. White 2. Blue

Other buffer colours available on request.

Simplex 32x1; 34x1; 38x1

Colour	SM 9/125 Yellow
	MM 50/125 Green
	MM62,5/125 Orange

Other simplex colours available on request.

Buffer Z176

Tight	strip. up to 10 cm (xx*)
Material	FR-LSZH
Colour	1. Red 2. Green

Other buffer colours available on request.

Buffer Z235; Z279

Material	Acrylate
Colour	1. Red RAL 3000 2. Blue RAL 5015

Other buffer colours available on request.

Simplex

Colour	Yellow RAL 1021
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Other simplex colours available on request.

Outer jacket

Jacket material	FR-LSZH
Jacket colour	SM 9/125 Yellow
	MM 50/125 Green
	MM62,5/125 Orange

Other jacket colours available on request

