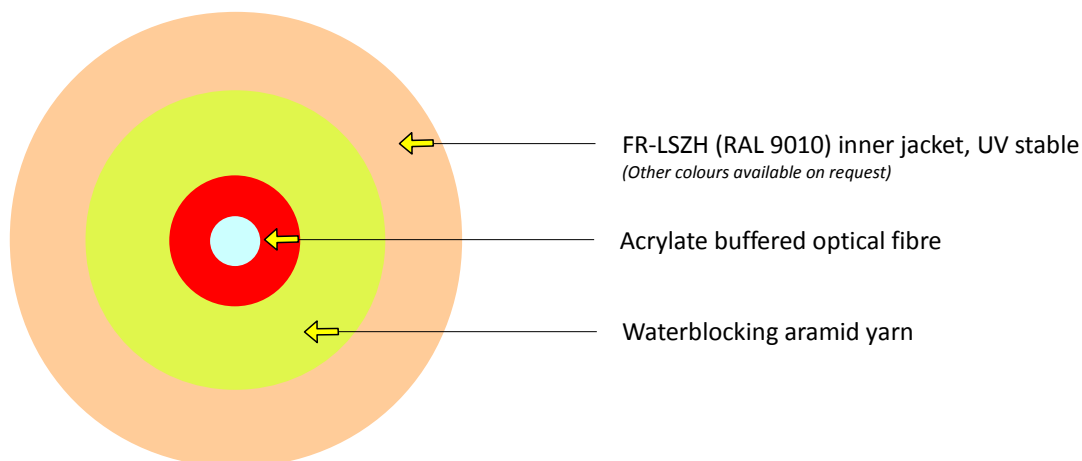


Drop Cable

ID: **Z337**

J/A-VQ(ZN)H 1F

This cable is suitable for indoor or outdoor use.



Order example

2100 m J/A-VQ(ZN)H 1E9/125G.657A jacket colour BLK, cable specification Z337

Buffer

Tight strip. up to 10 cm (xxTx)
Free strip. more than 100 cm (xxFx)

Fibre colour Red
Material Acrylate

Other buffers colours available on request.

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 Type

Single mode fiber 9/125 G.657.A&B
See the Fibre Specification sheet

Packaging

Plywood

Standard put-up length

up to 4100 m *
* length toleration $\pm 5\%$

J/A-VQ(ZN)H 1F

Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	3,2 ± 0,2	mm	EN 60811-1-1	
Cable weight	11	kg/km		- calculated
Outer jacket thickness	0,8	mm		
Secondary coating material	UV curable acrylate			
Secondary coating diameter	0,9	mm		
Max. tensile strength	400	N	EN 60794-1-21-E1	- max. fibre strain 0,5% - max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Crush resistance test	200	N	EN 60794-1-21-E3	- plate dimension 100×100 mm - max. attenuation variation ≤ 0,1 dB at 1550 nm, reversible - duration of loading 1 min.
Impact resistance test	10	Nm	EN 60794-1-21-E4	- 3 impact - no fibre cracking
Min. bend radius (no load)	60	× OD	EN 60794-1-21-E11a	- max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Min. bend radius (load)	80	× OD	EN 60794-1-21-E11b	- max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
Moisture resistance test	pass		EN 60794-1-22-F5	- water height 1 m - sample length 3 m - no leakage on tree sample end - duration of test 24h
Temperature range	Installation Operation Storage	-15 to +50°C -30 to +70°C -30 to +70°C	EN 60794-1-22-F1	- max. attenuation variation ≤ 0,1 dB at 1550 nm - Dwell time in acc. to EN 60794-1-22 - When installing or assembly under temperature below 5°C cable has to be stock in temp of 20°C at least 24h before installation. - no increase attenuation after the test
Fire properties – Flammability	pass		EN60332-3-22 (cat.A) ČSN EN 50266-2-2	- 40 min exposure to flame - length of the burned sample max. 2,5m
Fire properties – Acid gases	pass		EN 50267 EN 50267-2-2 EN 50267-2-3 EN 60754-1 EN 60754-2	- min. pH 4,3 - max. 10µS/mm
Fire properties – Smoke density	pass		EN 61034-1 EN 61034-2	- min. 60%

Cable life time - minimum 30 years

