

Drop Cable FTTx

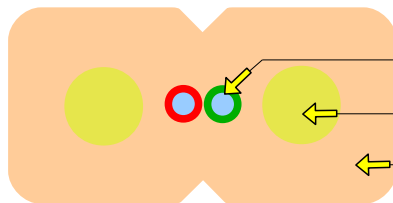
ID: **Z043**



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J/A-N(2ZN)H FLAT DROP FRP max. 2F

This cable is suitable for FTTx aerial installation.



Optical fibre

FRP dielectric strength member \varnothing 0,5 mm

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

The picture represents a cable with 2 fibres.

Order example

2100 m J/A-N(2ZN)H FLAT DROP 2E9/125 G.657.A1 jacket colour CRM, cable specification Z043

Fibre colour coding

1 Red 2 Green

Other fibre colour sequences available on request

Fibre Type

Single mode fiber 9/125 G.657 A1,A2, B3

Multi mode fiber 50/125 BEND OPTIMIZED MULTIMODE

See the Fibre Specification sheet

Outer jacket

Jacket material FR-LSZH

Jacket colour Creme (RAL 1014)

Other jacket 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

Packaging

Box
Plywood

Standard put-up length

1000 m*
up to 2000 m*
* length toleration \pm 5%

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Mechanical and Environmental properties

Test	Value	Unit	Method	Comment
Cable outer diameter	2,0x3,0 ± 0,2	mm	EN 60811-1-1	
Cable weight	7,0	kg/km		- calculated
Max. tensile strength	100	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	4000	N	EN 60794-1-21-E3	- plate dimension 100x100 mm - max. attenuation variation ≤ 0,05 dB at 1550 nm - duration of loading 1 min. - no increase attenuation after the test
Impact resistance test	5	Nm	EN 60794-1-21-E4	- 3 impact - no fibre cracking
Min. bend radius (no load)	25	× 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)	20	× OD	EN 60794-1-21-E11b	- max. attenuation variation ≤ 0,05 dB at 1550 nm - no increase attenuation after the test
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 acc. to EN 60794-1-22 - When installing or assembly under temperature bellow 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 (ca t.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

