We Make Modern
Life Possible.

TELECOMMUNICATION CABLES

F-VYAY

PVC/PVC Installation cable for telecommunication, screened

Underground cable for use in telecommunications installations and related installations. Suitable for installation under ground, in water, cable ducts etc.



TECHNICAL DATA

Standard
ÖVE-K 35

Test Voltage
2000 Veff (core/screen)

Rated Voltage
max. 300 V

Bending radius (min.)
7,5 x Ø des Kabels

Fire properties
EN 50265-2-1: flame retardant

Core identification
coloured according to ÖVE-K 35

Temperature range
Laying temperature: min. -5°C
Fixed installation: -40°C up to 70°C
Flexible use: -5°C up to 50°C

DESIGN



Electrical Parameters		
Conductor diameter	mm	0.5
Conductor resistance, max. at 20 °C	Ω/km	195.6
Insulation resistance, min. at 20 °C	MΩ/km	500
Mutual capacitance (approx. value), at 800 Hz	nF/km	100
Capacitance unbalance k9 (pairs), max. at 800 Hz (80 % values)	pF/km	100
Capacitance unbalance k9 (pairs), max. at 800 Hz (100 % of values)	pF/km	150
Capacitance unbalanced k1 (quad), max. at 800 Hz	pF/km	500

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 2 x 0.5	5.0	36	100 R, 500 SP, 1000 SP
2 x 2 x 0.5	4.8	44	100 R, 500 SP, 1000 SP
3 x 2 x 0.5	6.0	36	100 R, 500 SP, 1000 SP
5 x 2 x 0.5	6.8	58	100 R, 500 SP, 1000 SP
6 x 2 x 0.5	7.5	69	100 R, 500 SP, 1000 SP
10 x 2 x 0.5	8.1	95	100 R, 500 SP, 1000 SP
12 x 2 x 0.5	8.5	99	100 R, 500 SP, 1000 SP
15 x 2 x 0.5	9.5	113	500 T, 1000 T
16 x 2 x 0.5	10.0	119	500 T, 1000 T
20 x 2 x 0.5	10.1	159	500 T, 1000 T
25 x 2 x 0.5	11.0	174	500 T, 1000 T
30 x 2 x 0.5	12.5	222	500 T, 1000 T
40 x 2 x 0.5	14.5	280	500 T, 1000 T
50 x 2 x 0.5	16.7	358	500 T, 1000 T
100 x 2 x 0.5	23.5	617	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

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