



We Make
Modern Life
Possible



F-VYAY

PVC/PVC Installation cable for telecommunication, screened

TELECOMMUNICATIONS CABLES

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	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	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	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	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

CONTACT PERSON

Dogan Özcan
 Head of Technical Department
 +43 (0) 1 70170-154
 dogan.oezcan@skw.at

