We Make Modern Life Possible.



TELECOMMUNICATION CABLES

F-YAY

PE/PVC Schaltkabel, geschirmt

Switching cable for use in telecommunication and related equipment. Suitable for fixed installation on and under plaster, in dry and damp rooms.

TECHNICAL DATA

Standard
ÖVE-K 35 resp. adapted to ÖVE-K 35

Test Voltage
2000 Veff (core/screen)

Rated Voltage
500 Veff (Ader/Ader) / 50 Hz
2000 Veff (Ader/Schirm) / 50 Hz

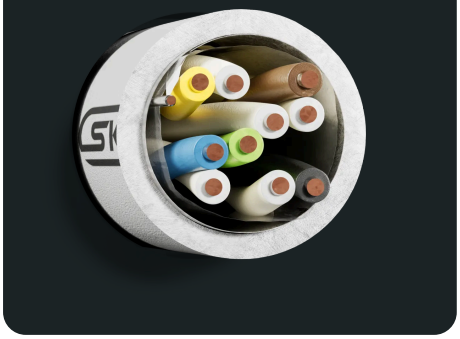
Bending radius (min.)
7,5 x Ø des Kabels

Fire properties
EN 60332-1-2: 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	0.6	0.8
Conductor resistance, max. at 20 °C	Ω/km	135.8	73.2
Insulation resistance, min. at 20 °C	MΩ/km	500	500
Mutual capacitance (approx. value), at 800 Hz	nF/km	100	100
Capacitance unbalance k9 (pairs), max. at 800 Hz (80 % values)	pF/km	150	150
Capacitance unbalance k9 (pairs), max. at 800 Hz (100 % of values)	pF/km	200	200
Capacitance unbalanced k1 (quad), max. at 800 Hz	pF/km	500	500

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 2 x 0.6	6.5	45	100 R, 500 SP, 1000 SP
3 x 2 x 0.6	6.3	49	500 SP
5 x 2 x 0.6	7.3	67	100 R, 500 SP, 1000 SP
6 x 2 x 0.6	7.6	75	100 R, 500 SP, 1000 SP
10 x 2 x 0.6	9.5	112	100 R, 500 SP, 1000 SP
12 x 2 x 0.6	9.7	126	100 R, 500 SP, 1000 SP
15 x 2 x 0.6	10.4	149	100 R, 500 SP, 1000 SP
20 x 2 x 0.6	11.2	186	500 T, 1000 T
25 x 2 x 0.6	13.3	241	500 T, 1000 T
30 x 2 x 0.6	14.0	278	500 T, 1000 T
40 x 2 x 0.6	15.0	349	500 T, 1000 T
50 x 2 x 0.6	16.9	427	500 T, 1000 T
60 x 2 x 0.6	19.3	567	500 T, 1000 T
80 x 2 x 0.6	21.3	715	500 T, 1000 T
100 x 2 x 0.6	24.2	967	500 T, 1000 T
2 x 2 x 0.8	7.5	60	100 R, 500 SP, 1000 SP
2 x 2 x 0.8	6.3	53	100 R, 500 SP, 1000 SP
3 x 2 x 0.8	8.0	74	100 R, 500 SP, 1000 SP
5 x 2 x 0.8	8.9	102	100 R, 500 SP, 1000 SP
6 x 2 x 0.8	9.3	116	100 R, 500 SP, 1000 SP
10 x 2 x 0.8	11.9	178	100 R, 500 SP, 1000 SP
15 x 2 x 0.8	13.5	256	100 R, 500 SP, 1000 SP
20 x 2 x 0.8	14.6	321	500 T, 1000 T
30 x 2 x 0.8	18.2	477	500 T, 1000 T
40 x 2 x 0.8	19.5	604	500 T, 1000 T
50 x 2 x 0.8	22.8	747	500 T, 1000 T
100 x 2 x 0.8	34.9	1653	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.



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