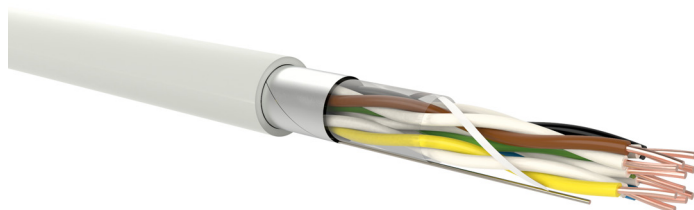


F-YAY

PVC/PVC Installation cable for telecommunication, screened

DESIGN



- 1 | Copper conductor, round solid (RE)
- 2 | Core insulation (PVC), cores pair stranded, pairs stranded in layers
- 3 | Inner covering (plastic foil)
- 4 | Screen (plastic tape laminated with aluminium foil with drain wire)
- 5 | Sheath (PVC grey RAL 7035)

APPLICATION

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:
500 Veff (core/core) / 50 Hz
2000 Veff (core/screen) / 50 Hz



Temperature range:
laying temperature: min. -5 °C
fixed: -40 °C up to 70 °C
moved: -5 °C up to 50 °C



Bending radius (min.):
7.5 x Ø of cable



Core identification:
coloured according to ÖVE-K 35



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

ELECTRICAL PARAMETERS

Parameter	Unit	0.6	0.8
Conductor diameter	(mm)	0.6	0.8
Loop resistance, max.	(Ω/km)	135.8	73.2
Insulation resistance, min. at 20 °C	(MΩ.km)	500	500
Mutual capacitance, max. at 800 Hz	(nF/km)	100	100
Capacitance unbalance K ₉ (pairs), max.at 800 Hz (80% of values)	(nF/km)	150	150
Capacitance unbalance K ₉ (pairs), max.at 800 Hz (100% of values)	(nF/km)	200	200
Capacitance unbalance K ₁ (quad), max. at 800 Hz	(nF/km)	500	500

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
F-YAY			
2 x 2 x 0.6*)	6.5	45	100 R, 500 Sp, 1000 Sp
2 x 2 x 0.6	5.1	35	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

F-YAY

PVC/PVC Installation cable for telecommunication, screened

Number of pairs x nominal diameter (mm)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
F-YAY			
20 x 2 x 0.6	11.2	186	500 D, 1000 D
25 x 2 x 0.6	13.3	241	500 D, 1000 D
30 x 2 x 0.6	14.0	278	500 D, 1000 D
40 x 2 x 0.6	15.0	349	500 D, 1000 D
50 x 2 x 0.6	16.9	427	500 D, 1000 D
60 x 2 x 0.6	19.3	567	500 D, 1000 D
80 x 2 x 0.6	21.3	715	500 D, 1000 D
100 x 2 x 0.6	24.2	967	500 D, 1000 D
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 D, 1000 D
30 x 2 x 0.8	18.2	477	500 D, 1000 D
40 x 2 x 0.8	19.5	604	500 D, 1000 D
50 x 2 x 0.8	22.8	747	500 D, 1000 D
100 x 2 x 0.8	34.9	1653	500 D, 1000 D

Note: *) Core stranding in star quad. Technical changes reserved. All figures are therefore without guarantee.

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