



FS17

Low voltage PVC insulated flexible conductor. Flame and fire retardant, low emission of smoke, toxic and corrosive gases

APPLICATION

Cables suitable for electric power systems in construction and buildings, in order to limit fire and smoke production.

Suitable for fixed and protected installation in, or on, lighting or control gear for voltage up to 1000 V AC; up to 750 V DC to earth.

For further details, please refer to CEI 20-40 standard.

TECHNICAL CHARACTERISTICS

CPR class: Cca - s3,d1,a3

Test voltage: 2,5 kV

Rated voltage: 450/750 V

Bending radius (min): 4D

Min. laying temperature: -5°C

Min. operating temperature: -10°C

Max. conductor temperature: 70°C

Max. short-circuit temperature: 160°C

CONSTRUCTION

Conductors: Cu rope, class 5 acc. to EN 60228

Insulation: PVC compound, S17 quality

STANDARD

CEI-UNEL 35716

CORE IDENTIFICATION

According to EN 50525-1

Insulation colors:

● Black ● Blue ● Brown ● Grey ● Orange ● Pink
● Red ● Turquoise ● Violet ○ White ● Green/Yellow

CERTIFICATION



elektrotechnický
zkušební
ústav



International
Electrotechnical
Commission



NOMINAL CROSS-SECTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR AT 30°C	INSULATION THICKNESS	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm ²	Ω/km	A	mm	mm	kg/km	kg/km
1x0,75	26,0	6	0,6	2,3	7,2	12,1
1x1,0	19,5	10	0,6	2,4	9,6	14,8
1x1,5	13,3	17,5	0,7	3,0	14,4	21,5
1x2,5	7,98	24	0,8	3,6	24,0	34,0
1x4	4,95	32	0,8	4,2	38,4	50,3
1x6	3,30	41	0,8	4,7	57,6	71,4
1x10	1,910	57	1,0	6,1	96,0	118,1
1x16	1,210	76	1,0	7,2	153,6	180,0
1x25	0,780	101	1,2	8,4	240,0	279,2
1x35	0,554	125	1,2	9,5	336,0	381,5
1x50	0,386	151	1,4	11,3	480,0	543,2
1x70	0,272	192	1,4	12,6	672,0	744,6
1x95	0,206	232	1,6	14,7	912,0	1008,9
1x120	0,161	269	1,6	16,2	1152,0	1259,6
1x150	0,129	300	1,8	18,1	1440,0	1574,9
1x185	0,106	341	2,0	20,2	1776,0	1942,2
1x240	0,0801	400	2,2	22,9	2304,0	2512,2

