

J-YY Bd



ELETTROTEK KABEL® J-YY Bd

Construction:

Conductor:	solid red copper conductor 0,6 mmØ Cl. 1, acc to IEC 60228
Insulation:	PVC core insulation, compound type Y11 to DIN VDE 0207, insulation wall- thickness 0,2 mm to table 7
Colour cores:	DIN VDE 0815
Stranding:	the cores to a quad each 5 quads to a unit and several units are stranded in layer
Wrapping:	plastic foil
Outer sheath:	grey (RAL 7032), PVC, type YM1

Technical data:

Nominal voltage:	300 V
Test voltage: (50 Hz)	core/core U eff. 800 V
Temperature range	
<i>Fixed installation:</i>	- 30°C / +70°C
<i>Flexible application:</i>	- 5 °C / + 50 °C
Loop resistance: at 20°C	max. 130 Ohm/km
Min. bending radius	
<i>to DIN VDE 0891 part 5 during delivery:</i>	7,5 xd
<i>single bending without tension:</i>	2,5 xd
<i>repeated bending without tension:</i>	7,5 xd
Radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80 Mrad)
Insulation resistance:	min. 100 MOhm x/km
Line attenuation: at 800 Hz	1,04 dB/KM
Impedance: of side circuits	0,6 mm=720 Ohm 0,8 mm=520 Ohm
Mutual capacitance: at 800 Hz	max. 100 nF/km
Capacitance unbalances at 800 Hz:	k ₁ max. 300 pF/100 m k ₉ k ₁₂ 100 pF/100 m

Resistance:



Flame retardant and self extinguishing acc. to:
DIN VDE 0482 part 332-1-2
EN 60332-1-2
IEC 60332-1-2

Features:

telephone installation cable
according to VDE 0816

TELEPHONE AND ELECTRONIC CABLES

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Part no.	No. of cores x conductor diameter n x mm	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
50040C6W022M06	2x2x0,6	4,5	11	34	20
50047C6W022M06	2x2x0,6 T	5	14	40	20
50040C6W042M06	4x2x0,6	6,5	23	59	20
50047C6W042M06	4x2x0,6T	7	26	65	20
50040C6W062M06	6x2x0,6	7	34	74	20
50047C6W062M06	6x2x0,6T	7,5	37	80	20
50040C6W102M06	10x2x0,6	8,5	57	111	20
50040C6W162M06	16x2x0,6	10	90	160	20
50040C6W202M06	20x2x0,6	11	113	200	20
50040C6W242M06	24x2x0,6	11,5	136	224	20
50040C6W302M06	30x2x0,6	13	170	284	20
50040C6W402M06	40x2x0,6	15	226	364	20
50040C6W502M06	50x2x0,6	16,5	283	451	20
50040C6W602M06	60x2x0,6	17,5	339	529	20
50040C6W802M06	80x2x0,6	20,3	452	700	20
50040C6WAA2M06	100x2x0,6	22,3	565	850	20

Other dimensions and colours available on request.