

J-Y(St)Y Lg



ELETTROTEK KABEL® J-Y(St)Y Lg

Construction:

Conductor:	solid red copper conductor 0,8 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:	tinned copper drain wire, plastic coated
Screen:	electrostatic screen of plastic and aluminium tape + tinned drain-wire
Outer sheath:	grey (RAL 7032), PVC, type YM1

Technical data:

Nominal voltage:	0,6 mm-300 V 0,8 mm-300 V
Test voltage: (50 Hz)	core/core U eff. 800 V core/screen 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	0,6 mm-max. 130 Ohm/km 0,6 mm-max. 73,2 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 0815

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. *)
50050C6W022M08	2x2x0,8	7	21	60	19
50050C6W032M08	3x2x0,8	8,5	31	80	19
50050C6W042M08	4x2x0,8	9	41	100	19
50050C6W052M08	5x2x0,8	9,5	52	120	19
50050C6W062M08	6x2x0,8	11	62	140	19
50050C6W082M08	8x2x0,8	11,5	82	170	19
50050C6W102M08	10x2x0,8	13,2	102	220	19
50050C6W122M08	12x2x0,8	14,2	123	250	19
50050C6W162M08	16x2x0,8	16	164	320	19
50050C6W202M08	20x2x0,8	17	204	380	19
50050C6W242M08	24x2x0,8	19	244	460	19
50050C6W302M08	30x2x0,8	20,8	304	560	19
50050C6W402M08	40x2x0,8	23	405	710	19
50050C6W502M08	50x2x0,8	26	505	900	19
50050C6W602M08	60x2x0,8	28	606	1050	19
50050C6W802M08	80x2x0,8	31,5	807	1400	19
50050C6WAA2M08	100x2x0,8	33	1008	1750	19
50050C6W022M06	2x2x0,6	5	13	40	20
50050C6W032M06	3x2x0,6	6,3	18	50	20
50050C6W042M06	4x2x0,6	6,5	24	60	20
50050C6W052M06	5x2x0,6	7,2	30	70	20
50050C6W062M06	6x2x0,6	7,5	35	80	20
50050C6W082M06	8x2x0,6	8	46	90	20
50050C6W102M06	10x2x0,6	10	58	110	20
50050C6W122M06	12x2x0,6	10,2	71	130	20
50050C6W162M06	16x2x0,6	11	93	160	20
50050C6W202M06	20x2x0,6	12	116	190	20
50050C6W242M06	24x2x0,6	13	139	220	20
50050C6W302M06	30x2x0,6	14	172	280	20
50050C6W402M06	40x2x0,6	15	220	350	20
50050C6W502M06	50x2x0,6	17	286	430	20
50050C6W602M06	60x2x0,6	19	342	500	20
50050C6W802M06	80x2x0,6	21	455	640	20
50050C6WAA2M06	100x2x0,6	24	568	850	20

Other dimensions and colours available on request.