

A-2Y(L)2Y



ELETTROTEK KABEL® A 2Y (L) 2Y



Construction:

Conductor:	solid red copper conductor 0,8 mmØ Cl. 1, acc to IEC 60228
Insulation:	PE type 2Y
Colour cores:	DIN VDE 0815
Stranding:	4 cores twisted to a star quad, 5 star quads stranded to sub-units, each 5 or 10 sub units stranded to main units stranded to cable core
Wrapping:	plastic foil
Screen:	electrostatic screen of plastic and aluminium tape + tinned drain-wire
Outer sheath:	black(RAL 9005),PE type 2Y

Features:

- Bd telephone-outdoor cable
- according to VDE 0816
- Laminated sheath
- Unfilled

Technical data:

Nominal voltage:	300 V
Test voltage:	core/core U eff. 500 V core/screen U eff. 2 kV
Temperature range	
<i>Fixed installation:</i>	max + 70 °C
<i>Flexible application:</i>	- 20 °C / + 50 °C
Loop resistance: at 20°C	0,6 mm=130 Ohm/km 0,6 mm=1,04 Ohm/km
Min. bending radius:	10 xd
Radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80 Mrad)
Insulation resistance:	min.50 MOhmx/km
Line attenuation: of side circuits at 800 Hz	0,6 mm=1,04 dB/KM 0,8 mm=0,78 dB/KM
Impedance: of side circuits	0,6 mm=720 Ohm 0,8 mm=520 Ohm

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.*)
50010C7V022M06	2x2x0,6	8	11	82	20
50010C7V042M06	4x2x0,6	10	23	127	20
50010C7V062M06	6x2x0,6	11,5	34	132	20
50010C7V102M06	10x2x0,6	12,5	57	171	20
50010C7V202M06	20x2x0,6	15,5	113	268	20
50010C7V302M06	30x2x0,6	17,5	170	358	20
50010C7V402M06	40x2x0,6	19,5	226	438	20
50010C7V502M06	50x2x0,6	21	283	531	20
50010C7V702M06	70x2x0,6	24,5	396	712	20
50010C7VAA2M06	100x2x0,6	28	565	950	20
50010C7VAB2M06	150x2x0,6	33	848	1348	20
50010C7VAC2M06	200x2x0,6	37	1131	1758	20
50010C7VAD2M06	250x2x0,6	40,5	1414	2137	20
50010C7VAE2M06	300x2x0,6	44	1696	2533	20
50010C7VAF2M06	350x2x0,6	47,5	1979	2954	20
50010C7VAG2M06	400x2x0,6	50	2262	3342	20
50010C7V022M08	2x2x0,8	11	20	102	19
50010C7V042M08	4x2x0,8	12	40	158	19
50010C7V062M08	6x2x0,8	13	60	179	19
50010C7V102M08	10x2x0,8	14,5	101	241	19
50010C7V202M08	20x2x0,8	18	201	393	19
50010C7V302M08	30x2x0,8	21	302	540	19
50010C7V402M08	40x2x0,8	23	402	675	19
50010C7V502M08	50x2x0,8	25,5	503	842	19
50010C7V702M08	70x2x0,8	29	704	1105	19
50010C7VAA2M08	100x2x0,8	34	1005	1524	19
50010C7VAB2M08	150x2x0,8	40	1508	2208	19
50010C7VAC2M08	200x2x0,8	46,5	2011	2915	19
50010C7VAD2M08	250x2x0,8	51	2514	3575	19
50010C7VAE2M08	300x2x0,8	53	3016	4232	19
50010C7VAF2M08	350x2x0,8	56,5	3519	4940	19
50010C7VAG2M08	400x2x0,8	60	4022	5565	19
50010C7VAH2M08	500x2x0,8	68	5027	6955	19
50010C7VAI2M08	600x2x0,8	73	6032	8240	19

Other dimensions and colours available on request.