

## A-2YF(L)2Y



ELETTROTEK KABEL® A-2YF(L)2Y



### Construction:

<b>Conductor:</b>	solid red copper conductor 0,8 mmØ Cl. 1, acc to IEC 60228
<b>Insulation:</b>	PE type 2Y11
<b>Colour cores:</b>	DIN VDE 0816
<b>Stranding:</b>	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
<b>Wrapping:</b>	paper tape
<b>Screen:</b>	electrostatic screen of plastic and aluminium tape + tinned drain-wire
<b>Outer sheath:</b>	black(RAL 9005),PE type 2YM1

### Features:

Bd telephone-outdoor cable  
according to VDE 0816  
Unfilled  
transverse and longitudinally water proof

### Technical data:

<b>Nominal voltage:</b>	225 V
<b>Test voltage:</b>	core/core U eff. 500 V core/screen U eff. 2 kV
<b>Temperature range</b>	
<i>Fixed installation:</i>	- 30 °C / + 70 °C
<i>Flexible application:</i>	- 20 °C / + 50 °C
<b>Loop resistance:</b> at 20°C	0,6 mm=130 Ohm/km 0,8 mm=73,2 Ohm/km
<b>Min. bending radius:</b>	7,5 xd
<b>Radiation resistance:</b>	up to 80x10 <sup>6</sup> cJ/kg (up to 80 Mrad)
<b>Insulation resistance:</b>	min.50 MOhm/km
<b>Line attenuation:</b>	
of side circuits at 800 Hz	0,6 mm=1,04 dB/KM 0,8 mm=0,78 dB/KM
<b>Impedance:</b> of side circuits	0,6 mm=720 Ohm 0,8 mm=520 Ohm

# TELEPHONE AND ELECTRONIC CABLES

## A-2YF(L)2Y



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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. *)
50020C7V022M06	2x2x0,6	7,5	11	80	20
50020C7V042M06	4x2x0,6	9	23	140	20
50020C7V062M06	6x2x0,6	12	34	150	20
50020C7V102M06	10x2x0,6	13,5	57	190	20
50020C7V202M06	20x2x0,6	16	113	310	20
50020C7V302M06	30x2x0,6	19	170	430	20
50020C7V402M06	40x2x0,6	20,5	226	545	20
50020C7V502M06	50x2x0,6	23	283	660	20
50020C7V702M06	70x2x0,6	26	396	895	20
50020C7VAA2M06	100x2x0,6	31,5	565	1230	20
50020C7VAB2M06	150x2x0,6	37,5	848	1780	20
50020C7VAC2M06	200x2x0,6	42,5	1131	2320	20
50020C7VAD2M06	250x2x0,6	47,5	1414	2910	20
50020C7VAE2M06	300x2x0,6	51,5	1696	3490	20
50020C7VAF2M06	350x2x0,6	55	1979	3970	20
50020C7VAG2M06	400x2x0,6	60,5	2262	4480	20
50020C7VAH2M06	500x2x0,6	60,5	2262	5460	20
50020C7V022M08	2x2x0,8	8,5	20,0	100	19
50020C7V042M08	4x2x0,8	10	40,0	180	19
50020C7V062M08	6x2x0,8	12,5	60,0	190	19
50020C7V102M08	10x2x0,8	15	101,0	280	19
50020C7V202M08	20x2x0,8	19	201,0	480	19
50020C7V302M08	30x2x0,8	23	302,0	670	19
50020C7V402M08	40x2x0,8	26	402,0	860	19
50020C7V502M08	50x2x0,8	29	503,0	1060	19
50020C7V702M08	70x2x0,8	33	704,0	1420	19
50020C7VAA2M08	100x2x0,8	39	1005,0	1980	19
50020C7VAB2M08	150x2x0,8	47	1508,0	2940	19
50020C7VAC2M08	200x2x0,8	51	2011,0	3780	19
50020C7VAD2M08	250x2x0,8	58	2514,0	4660	19
50020C7VAE2M08	300x2x0,8	62,5	3016,0	5570	19
50020C7VAF2M08	350x2x0,8	68	3519,0	6750	19
50020C7VAG2M08	400x2x0,8	73	4022,0	7630	19
50020C7VAH2M08	500x2x0,8	81,5	5027,0	9540	19

Other dimensions and colours available on request.