



Електролуks  
**Electrolux**

# Koaksijalni kabli

# Coaxial cables



Made in Electrolux

Ovoј crtez e сопственост на Electrolux-Bitola. Bez negovo писмено одобрување истиот несмее да се препишува, умножува нити копира, без согласност од Електролуks  
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## J-Y(st)Y Lg fire warning telephone cables.



APPLICATIONS	
They are used in fixed indoor telecommunication installations ,in extensions, security and fire warning systems . These cables, because of the electrostatic screen ,can protect the signal from interferences.They are not suitable for power applications and supply.	
CABLE STRUCTURE	TECHNICAL DATA
<p><b>Cores:</b> solid of bare copper, diameter 0.8mm.</p> <p><b>Core insulation :</b> of PVC Y11 compound according to DIN VDE 0207 part 4 .</p> <p><b>Colour code :</b> cores twisted in pairs, pairs stranded in layers .</p> <p><b>Screen:</b> plastic coated aluminum foil static screen and tinned copper drain wire.</p> <p><b>Outer sheath:</b> PVC YM1 compound according to DIN VDE 0207 part 5, in red colour</p>	<p><b>Specifications :</b> DIN VDE 0815.</p> <p><b>Temperature range :</b> Fixed installation : for -5°C to +50°C. During the installation : for -30°C to +70°C.</p> <p><b>Nominal voltage:</b>(maximum) 300V.</p>

CE= The above mentioned cables are conformed with the Low Voltage Directive 73/23 EEC, 93/68 EEC.

CORES x DIAMETER IN mm	APPLICATIONS		
	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/Km	CABLE WEIGHT Kg/Km
1x2x0.8	4.3	11.0	40
2x2x0.8	7.2	21.0	62
3x2x0.8	8.6	31.0	83
4x2x0.8	9.3	41.0	105
5x2x.08	9.7	52.0	128
6x2x0.8	11.3	62.0	145
8x2x0.8	11.7	82.0	175
10x2x0.8	13.5	102.0	219
12x2x0.8	14.5	123.0	257
14x2x0.8	14.8	145.0	282

CORESx DIAMETER IN mm	APPLICATIONS		
	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/Km	CABLE WEIGHT Kg/Km
16x2x0.8	16.5	164.0	325
20x2x0.8	17.3	204.0	378
24x2x0.8	18.9	244.0	458
30x2x0.8	20.9	304.0	562
40x2x0.8	23.3	405.0	709
50x2x0.8	26.2	505.0	898
60x2x0.8	28.3	606.0	1045
80x2x0.8	31.7	807.0	1398
100x2x0.8	32.9	1008.0	1752



## Loudspeaker cables black/red .



CORES x CROSS-SEC. IN mm <sup>2</sup>	APPROXIMATELY			
	WIRES NUMBER x DIAMETER IN mm	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/Km	CABLE WEIGHT Kg/Km
2x0.50	16x0.20	2.5x5	10	15
2x0.75	24x0.20	2.7x5.4	15	20
2x1	32x0.20	3.1x6.4	20	28
2x1.5	30x0.25	3.2x6.4	29	37
2x2.5	40x0.28	3.4x7.8	48	62
2x4	55x0.30	4.3x8.2	78	85

## Loudspeaker cables transparent .



CORES x CROSS-SEC. IN mm <sup>2</sup>	APPROXIMATELY			
	WIRES NUMBER x DIAMETER IN mm	OUTER DIAMETER Ø mm	COPPER WEIGHT Kg/Km	CABLE WEIGHT Kg/Km
2x1.5	189x0.10	4.6x9	29	40
2x2.5	315x0.10	5.1x10.0	48	65
2x4	504x0.10	6x11.0	77	86
2x6	770x0.10	6.4x12.8	115	138
2x10	1270x0.10	7.2x15.3	192	255

CE=The above mentioned cables are conformed with the Low Voltage Directive 73/23 EEC, 93/68 EEC.

## Security cables



APPLICATIONS	
They are used in security installations and alarm systems .They match together electromagnetic screen and a small outer diameter .	
CABLE STRUCTURE	TECHNICAL DATA
<p><b>Cores</b> : of bare copper , fine wires stranded , with cross-section 0.22 mm<sup>2</sup> (7x0.20)</p> <p><b>Core insulation</b> : of special PVC .</p> <p><b>Wrapping</b>: of polyester .</p> <p><b>Drain wire</b> : stranded.</p> <p><b>Screen</b>: of aluminum foil .</p> <p><b>Outer sheath</b> : PVC white colour , flame -retardant according to IEC 60332-1.</p>	<p><b>Temperature range</b> : from -15°C to +90°C.</p> <p><b>Nominal voltage</b> : U<sub>o</sub>/U 250 V.</p> <p><b>Conductor resistance</b> : ≤ 105 Ω /Km.</p> <p><b>Insulation resistance</b> : ≤ 150 MΩ /Km.</p> <p><b>Bending radius</b> : 10 x cable Ø .</p> <p><b>They are available in LiYY version without aluminum screen.</b></p>

CE=The above mentioned cables are confirmed with the Low Voltage Directive 73/23 EEC, 93/68 EEC.

CORES x CROSS-SEC IN mm <sup>2</sup>	OUTER DIAMETER Ø mm	COLOUR CODE
2 x 0.22	3.3	Red./white.
4 x 0.22	3.5	Red./white/yellow/green.
6 x 0.22	4.2	Red./white/yellow/green/orange/grey.
8 x 0.22	4.6	Red./white/yellow/green/orange/grey/brown/azure
10 x 0.22	5.2	Red./white/yellow/green/orange/grey/brown/azure/violet/black.
12 x 0.22	5.4	Red./white/yellow/green/orange/grey/brown/azure/violet/black/blue/pink.
2x0.50 + 2x0.22	4.1	The two cores with cross-sec. 0.50 mm <sup>2</sup> are black/red.
2x0.50 + 4x0.22	4.4	» » » » » » » »
2x0.50 + 6x0.22	5.2	» » » » » » » »
2x0.50 + 8x0.22	5.4	» » » » » » » »
2x0.75 + 4x0.22	4.8	The two cores with cross-sec. 0.75 mm <sup>2</sup> are black/red.
2x0.75 + 6x0.22	5.0	» » » » » » » »
2x0.75 + 8x0.22	5.4	» » » » » » » »





APPLICATIONS		
They are used in security installations and alarm systems .They match together electromagnetic screen and a small outer diameter.		
CABLE STRUCTURE		
<p><b>Core :</b> of tinned copper wires with cross-sec. 0.22 mm<sup>2</sup> (7 x0.193).</p> <p><b>Core insulation :</b> of PVC.</p> <p><b>Screen:</b> of aluminum foil .</p> <p><b>Drain wire:</b> stranded of tinned copper wires</p> <p><b>Outer sheath:</b> of PVC , white colour flame retardant and self extinguishing according to IEC 60332-1.</p>	CORES X CROSS-SEC. IN mm <sup>2</sup>	OUTER DIAMETER Ø mm
	2x0.22	3.1
	4x0.22	3.8
	6x0.22	4.4
	8x0.22	4.7
12x0.22	5.7	
<b>They are available without screen.</b>		

## CCTV.



RG 59 + 2x0.50 RG 59 + 2x.075 RG 59 + (2x0.50+2x0.22) RG 59 + (2x0.75+4x0.22)	Mini RG59 + 2x0.50 Mini RG59 + 2x0.75 Mini RG 59 + (2x0.50+2x0.22) Mini RG 59 + Mini Coax. + (2x0.75+4x0.22)
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Ovaj crtez e sopshtenost na Elektroluks-Bez. negovo pisмено одобruvanje istiot nesmee da se prepišuva. Umnozuva nihi kopira bez soglasnost od **Elektroluks** vo sprotno se snosot posedici vo smislana članovite 163 i 164 od kómniciot zakon R.M. (povreda na avtorsko pravo)

# Coaxial cables RG/U

Specification MIL - C17

## RG 6 A/U



CABLE STRUCTURE	TECHNICAL DATA																		
<p><b>Inner conductor :</b> steel/copper CW 1x 0.72 mm.  <b>Core insulation :</b> PE of diameter 4.7 mm.  <b>Outer conductor :</b>  <b>1<sup>st</sup> screen :</b>                      silvered copper CA 144 x 0.16 mm coverage 97%.  <b>2<sup>nd</sup> screen :</b> copper braid CU 144 x 0.16 mm coverage 95%.  <b>Outer sheath :</b> PVC black colour flame retardant according to IEC 332.1.  <b>Outer diameter :</b> 8,5 mm.  <b>Copper weight :</b> 64.6 Kg/Km.  <b>Cable weight :</b> 123.4 Kg/Km</p> <p>Halogen free edition is available with grey outer sheath according to IEC 332-3C.</p>	<p><b>Impedance :</b> 75 ± 3 Ohm.  <b>Capacitance :</b> 67 pF/m.  <b>Inner conductor resistance :</b> 106 Ohm /Km.  <b>Outer conductor resistance :</b> 4.8 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ATTENUATIO</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr> <td>50 MHz</td> <td>6.2</td> </tr> <tr> <td>100 MHz</td> <td>8.7</td> </tr> <tr> <td>200 MHz</td> <td>13.3</td> </tr> <tr> <td>400 MHz</td> <td>19.1</td> </tr> <tr> <td>500 MHz</td> <td>22.0</td> </tr> <tr> <td>600 MHz</td> <td>23.8</td> </tr> <tr> <td>860 MHz</td> <td>29.5</td> </tr> <tr> <td>1000 MHz</td> <td>32.0</td> </tr> </tbody> </table>	ATTENUATIO	dB /100m	50 MHz	6.2	100 MHz	8.7	200 MHz	13.3	400 MHz	19.1	500 MHz	22.0	600 MHz	23.8	860 MHz	29.5	1000 MHz	32.0
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600 MHz	23.8																		
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1000 MHz	32.0																		

## RG 11 A/U



CABLE STRUCTURE	TECHNICAL DATA																		
<p><b>Inner conductor :</b>                      tinned copper TC 7 x 0.4 mm.  <b>Core insulation :</b> PE of diameter 7.25 mm.  <b>Outer conductor :</b>                      copper braid CU 192 x 0.18 mm coverage 97%.  <b>Outer sheath :</b> PVC 2 black colour flame retardant according to IEC 332.1.  <b>Outer diameter :</b> 10.3 mm.  <b>Copper weight :</b> 57 Kg/Km.  <b>Cable weight :</b> 145.2 Kg/Km.  <b>Temperature range :</b> from -35°C to +80°C.</p> <p>Halogen free edition is available with grey outer sheath according to IEC 332-3C.</p>	<p><b>Impedance :</b> 75 ± 3 Ohm.  <b>Capacitance :</b> 67 pF/m.  <b>Inner conductor resistance:</b> 20.5 Ohm /Km.  <b>Outer conductor resistance :</b> 4.2 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ATTENUATION</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr> <td>50 MHz</td> <td>4.1</td> </tr> <tr> <td>100 MHz</td> <td>6.2</td> </tr> <tr> <td>200 MHz</td> <td>9.0</td> </tr> <tr> <td>400 MHz</td> <td>13.4</td> </tr> <tr> <td>500 MHz</td> <td>15.2</td> </tr> <tr> <td>600 MHz</td> <td>17.0</td> </tr> <tr> <td>860 MHz</td> <td>21.0</td> </tr> <tr> <td>1000 MHz</td> <td>23.4</td> </tr> </tbody> </table>	ATTENUATION	dB /100m	50 MHz	4.1	100 MHz	6.2	200 MHz	9.0	400 MHz	13.4	500 MHz	15.2	600 MHz	17.0	860 MHz	21.0	1000 MHz	23.4
ATTENUATION	dB /100m																		
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Ovoj crtez e sposobnost na Elektroluks-Bez. negovo pisarno odobruvanje istiot nesmee da se prepisuva, umnozava niti kopira bez soglasnost od **Elektroluks** vo sprotno se snosot posedoci vo smislana celovitel 63 i 64 od klicniot zakon R.M. (povreda na autorsko pravo)

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# Coaxial cables RG/U

Specifications MIL - C17

## RG 58 C/U



CABLE STRUCTURE	TECHNICAL DATA																		
<p><b>Inner conductor :</b> tinned copper TC 19x0.18 mm. <b>Core insulation :</b> PE of diameter 2.95 mm. <b>Outer conductor :</b> tinned copper braid TC 112 x 0.13 mm coverage 95%. <b>Outer sheath :</b> PVC 2 black colour flame retardant according to IEC 332.1. <b>Outer diameter :</b> 5 mm. <b>Copper weight :</b> 18.7 Kg/Km. <b>Cable weight :</b> 39.9 Kg/Km. <b>Temperature range :</b> from -30°C to +80°C.</p> <p>Halogen free edition is available with grey outer sheath according to IEC 332-3C.</p>	<p><b>Impedance :</b> 50 ± 3 Ohm. <b>Capacitance :</b> 100 pF/m. <b>Inner conductor resistance :</b> 36.5 Ohm /Km. <b>Outer conductor resistance :</b> 16.5 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ATTENUATION</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr> <td>50 MHz</td> <td>9.7</td> </tr> <tr> <td>100 MHz</td> <td>14.0</td> </tr> <tr> <td>200 MHz</td> <td>20.5</td> </tr> <tr> <td>400 MHz</td> <td>30.0</td> </tr> <tr> <td>500 MHz</td> <td>34.4</td> </tr> <tr> <td>600 MHz</td> <td>38.0</td> </tr> <tr> <td>860 MHz</td> <td>47.0</td> </tr> <tr> <td>1000 MHz</td> <td>51.6</td> </tr> </tbody> </table>	ATTENUATION	dB /100m	50 MHz	9.7	100 MHz	14.0	200 MHz	20.5	400 MHz	30.0	500 MHz	34.4	600 MHz	38.0	860 MHz	47.0	1000 MHz	51.6
ATTENUATION	dB /100m																		
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100 MHz	14.0																		
200 MHz	20.5																		
400 MHz	30.0																		
500 MHz	34.4																		
600 MHz	38.0																		
860 MHz	47.0																		
1000 MHz	51.6																		

## RG 59 B/U



CABLE STRUCTURE	TECHNICAL DATA																		
<p><b>Inner conductor :</b> steel/copper CW 1x 0.58 mm. <b>Core insulation :</b> PE of diameter 3.70 mm. <b>Outer conductor :</b> copper braid 120 x 0.15 mm coverage 95%. <b>Outer sheath :</b> PVC 2 black colour flame retardant according to IEC 332.1. <b>Outer diameter :</b> 6.20 mm. <b>Copper weight :</b> 22.4 Kg/Km. <b>Cable weight :</b> 55.8 Kg/Km. <b>Temperature range:</b> from -30°C to +80°C.</p> <p>Halogen free edition is available with grey outer sheath according to IEC 332-3C.</p>	<p><b>Impedance :</b> 75 ± 3 Ohm. <b>Capacitance :</b> 67 pF/m. <b>Inner conductor resistance :</b> 158 Ohm /Km. <b>Outer conductor resistance :</b> 9 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ATTENUATION</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr> <td>50 MHz</td> <td>7.5</td> </tr> <tr> <td>100 MHz</td> <td>10.9</td> </tr> <tr> <td>200 MHz</td> <td>15.8</td> </tr> <tr> <td>400 MHz</td> <td>22.9</td> </tr> <tr> <td>500 MHz</td> <td>25.8</td> </tr> <tr> <td>600 MHz</td> <td>28.7</td> </tr> <tr> <td>860 MHz</td> <td>34.8</td> </tr> <tr> <td>1000 MHz</td> <td>38.0</td> </tr> </tbody> </table>	ATTENUATION	dB /100m	50 MHz	7.5	100 MHz	10.9	200 MHz	15.8	400 MHz	22.9	500 MHz	25.8	600 MHz	28.7	860 MHz	34.8	1000 MHz	38.0
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500 MHz	25.8																		
600 MHz	28.7																		
860 MHz	34.8																		
1000 MHz	38.0																		



# Coaxial cables RG/U

Specifications MIL - C17

## RG 62 A/U



CABLE STRUCTURE	TECHNICAL DATA																		
<p><b>Inner conductor :</b> steel/copper CW 1x 0.64 mm.  <b>Core insulation :</b> PE of diameter 3.70 mm.  <b>Outer conductor :</b> copper braid .  <b>Outer sheath :</b> PVC black colour flame retardant according to IEC 332.1.  <b>Outer diameter :</b> 6.15 mm.  <b>Copper weight :</b> 26 Kg/Km.  <b>Cable weight :</b> 52 Kg/Km.  <b>Temperature range :</b> from -35 °C to +80°C.</p> <p>Halogen free edition is available with grey outer sheath according to IEC 332-3C.</p>	<p><b>Impedance :</b> 93 ± 5 Ohm.  <b>Capacitance :</b> 44.5 pF/m.  <b>Inner conductor resistance :</b> 130 Ohm /Km.  <b>Outer conductor resistance:</b> 9 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ΑΠΟΣΒΕΣΗ</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr> <td>10 MHz</td> <td>2.8</td> </tr> <tr> <td>100 MHz</td> <td>8.9</td> </tr> <tr> <td>200 MHz</td> <td>15.0</td> </tr> <tr> <td>400 MHz</td> <td>17.4</td> </tr> <tr> <td>500 MHz</td> <td>24.5</td> </tr> <tr> <td>800 MHz</td> <td>32.5</td> </tr> <tr> <td>1000 MHz</td> <td>35.0</td> </tr> <tr> <td>3000 MHz</td> <td>60.7</td> </tr> </tbody> </table>	ΑΠΟΣΒΕΣΗ	dB /100m	10 MHz	2.8	100 MHz	8.9	200 MHz	15.0	400 MHz	17.4	500 MHz	24.5	800 MHz	32.5	1000 MHz	35.0	3000 MHz	60.7
ΑΠΟΣΒΕΣΗ	dB /100m																		
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3000 MHz	60.7																		

## RG 174 U



CABLE STRUCTURE	ΤΕΧΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ																		
<p><b>Inner conductor :</b> steel/copper CW 7x 0.16 mm.  <b>Core insulation :</b> PE of diameter 1.55 mm.  <b>Outer conductor :</b> tinned copper screen .  <b>Outer sheath :</b> PVC black colour flame retardant according to IEC 332.1.  <b>Outer diameter :</b> 2.55 mm.  <b>Copper weight :</b> 7 Kg/Km.  <b>Cable weight :</b> 12 Kg/Km.  <b>Temperature range :</b> from -30 °C to +80°C.</p> <p>Halogen free edition is available with grey outer sheath according to IEC 332-3C.</p>	<p><b>Impedance :</b> 50 ± 3 Ohm.  <b>Capacitance :</b> 100 pF/m.  <b>Inner conductor resistance :</b> 290 Ohm /Km.  <b>Outer conductor resistance:</b> 39 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ATTENUATION</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr> <td>10 MHz</td> <td>12.8</td> </tr> <tr> <td>100 MHz</td> <td>29.2</td> </tr> <tr> <td>200 MHz</td> <td>45.0</td> </tr> <tr> <td>400 MHz</td> <td>57.4</td> </tr> <tr> <td>500 MHz</td> <td>73.0</td> </tr> <tr> <td>800 MHz</td> <td>93.0</td> </tr> <tr> <td>1000 MHz</td> <td>98.5</td> </tr> <tr> <td>3000 MHz</td> <td>210.0</td> </tr> </tbody> </table>	ATTENUATION	dB /100m	10 MHz	12.8	100 MHz	29.2	200 MHz	45.0	400 MHz	57.4	500 MHz	73.0	800 MHz	93.0	1000 MHz	98.5	3000 MHz	210.0
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# Coaxial cables RG/U

Specification MIL - C17

## RG 213 U



CABLE STRUCTURE	TECHNICAL DATA																		
<b>Inner conductor :</b> bare copper CU 7 x 0.75 mm. <b>Core insulation :</b> PE of diameter 7.25 mm. <b>Outer conductor :</b> copper screen CU 192 x 0.18 mm coverage 96%. <b>Outer sheath :</b> PVC 2 black colour flame retardant according to IEC 332.1. <b>Outer diameter :</b> 10.3 mm. <b>Copper weight :</b> 75,6 Kg/Km. <b>Cable weight :</b> 161,7 Kg/Km. <b>Temperature range :</b> from -30 °C to +80°C	<b>Impedance :</b> 50 ±3 Ohm. <b>Capacitance :</b> 100 pF/m. <b>Inner conductor resistance :</b> 6 Ohm /Km. <b>Outer conductor resistance :</b> 4.2 Ohm /Km.																		
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Halogen free edition is available with grey outer sheath according to IEC 332-3C.																			

## RG 214 U



CABLE STRUCTURE	TECHNICAL DATA																		
<b>Inner conductor :</b> silvered copper 7 x 0.75 mm. <b>Core insulation :</b> PE of diameter 7.25 mm. <b>Outer conductor :</b> 1 <sup>st</sup> screen : silvered copper 144 x 0.16 mm coverage 96%. 2 <sup>nd</sup> screen : silvered copper 168 x 0.16 mm coverage 97%. <b>Outer sheath :</b> PVC 2 black colour flame retardant according to IEC 332.1. <b>Outer sheath :</b> 10.8 mm. <b>Copper weight :</b> 117.7 Kg/Km <b>Cable weight :</b> 205.3 Kg/Km. <b>Temperature :</b> from -35 °C to +80°C.	<b>Impedance :</b> 50 ±3 Ohm. <b>Capacitance:</b> 100 pF/m. <b>Inner conductor resistance :</b> 6 Ohm /Km. <b>Outer conductor resistance :</b> 3.1 Ohm /Km.																		
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Halogen free edition is available with grey outer sheath according to IEC 332-3C.																			



# Coaxial cables RG/U

Specification MIL - C17

## RG 223 U



CABLE STRUCTURE	TECHNICAL DATA																		
<b>Inner conductor :</b> silvered copper 1 x 0.90 mm. <b>Core insulation :</b> PE of diameter 2.95mm <b>Outer conductor :</b> <b>1<sup>st</sup> screen :</b> silvered copper 112 x 0.13mm coverage 97 % <b>2<sup>nd</sup> screen :</b> silvered copper 112 x 0.13mm coverage 98%. <b>Outer sheath:</b> PVC 2 black colour flame retardant according to IEC 332.1 <b>Outer diameter :</b> 5.4 mm. <b>Copper weight :</b> 38.5 Kg/Km. <b>Cable weight :</b> 60 Kg/Km. <b>Temperature range :</b> .from -30 °C to +80°C.	<b>Impedance :</b> 50 ±3 Ohm. <b>Capacitance :</b> 100 pF/m. <b>Inner conductor resistance :</b> 29 Ohm /Km. <b>Outer conductor resistance:</b> 8.5 Ohm /Km.																		
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Halogen free edition is available with grey outer sheath according to IEC 332-3C.																			

## RGB



CABLE STRUCTURE	
<b>Conductor:</b>	of bare copper 7x0.13mm
<b>Core insulation:</b>	of PE, of diameter 1.7mm
<b>Screen :</b>	of bare copper fine wires ,diameter 0.10mm, coverage 80%
<b>Conductor sheath :</b>	of PVC
<b>Colour code :</b>	coloured cores 3COAX: red, green,blue 5COAX: red,green,blue,black,white.
<b>Cores wrapping :</b>	of transparent polyester tape
<b>Outer sheath :</b>	of PVC black colour
<b>Outer diameter :</b>	3COAX 7.8mm 5COAX 9mm
<b>Temperature range:</b>	Fixed installation from -20°C to +80°C During the installation from -5°C to +80°C



Ovo je proizvodnja na Elektroluksu. Bez negovog pisarnog odobrenja isti proizvod ne sme da se proizvodi, umnozava niti kopira bez saglasnosti od Elektroluksa. Ovo sporazumno se koristi u skladu sa odobrenjem od Elektroluksa. Ova je informacija izdati u skladu sa odobrenjem od Elektroluksa. Ova je informacija izdati u skladu sa odobrenjem od Elektroluksa. Ova je informacija izdati u skladu sa odobrenjem od Elektroluksa.

## TV cables .

### V.O.P 69



CABLE STRUCTURE	TECHNICAL DATA														
<b>Outer conductor :</b> bare copper diameter 1x1.13 mm. <b>Core insulation :</b> <b>Μόνωση αγωγού :</b> cellular PE of diameter 4.85mm. <b>Screen :</b> bare copper braid with coverage 57 %. <b>Outer sheath :</b> of PVC white colour. <b>Outer diameter :</b> 6.6 mm . <b>Copper weight :</b> 16.7 Kg/Km. <b>Cable weight :</b> 43.8 Kg/Km.	<b>Impedance:</b> 75 ± 3 Ohm. <b>Capacitance:</b> 56 pF/m. <b>Outer conductor resistance:</b> 18 Ohm /Km. <b>Inner conductor resistance:</b> 43.8 Ohm /Km.														
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### SAT 500



CABLE STRUCTURE	TECHNICAL DATA																						
<b>Outer diameter :</b> bare copper , diameter 1x 0.80 mm. <b>Core insulation :</b> of cellular PE of diameter 3.65 mm. <b>1<sup>st</sup> Screen :</b> of laminated aluminum foil , coverage 100%. <b>2<sup>nd</sup> Screen :</b> of tinned copper braid with coverage 50%. <b>Outer sheath :</b> of PVC white colour . <b>Outer diameter :</b> 5.3 mm. <b>Copper weight :</b> 9.2 Kg/Km. <b>Cable weight:</b> 28.1 Kg/Km.	<b>Impedance :</b> 75 ± 2 Ohm. <b>Capacitance :</b> 53 pF/m. <b>Outer conductor resistance:</b> 35 Ohm /Km. <b>Inner conductor resistance:</b> : 28.5 Ohm /Km.																						
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## TV cables .

### SAT 800



CABLE STRUCTURE	TECHNICAL DATA																						
<p><b>Inner conductor:</b> bare copper with diameter 1x 1.13 mm.</p> <p><b>Core insulation :</b> of gas-injected cellular PE with diameter 4.80 mm.</p> <p><b>1<sup>st</sup> Screen :</b> of laminated aluminum foil with coverage 100%.</p> <p><b>2<sup>nd</sup> Screen :</b> of tinned copper braid with coverage 79%.</p> <p><b>Outer sheath :</b> of PVC white colour .</p> <p><b>Outer diameter :</b> 6.6 mm.</p> <p><b>Copper weight :</b> 21.3 Kg/Km.</p> <p><b>Cable weight :</b> 47.2 Kg/Km.</p>	<p><b>Impedance :</b> 75 ± 1.5 Ohm.</p> <p><b>Capacitance:</b> 53 pF/m.</p> <p><b>Inner conductor resistance :</b> 18 Ohm /Km.</p> <p><b>Outer conductor resistance :</b> 12.8 Ohm /Km</p> <table border="1"> <thead> <tr> <th>ATTENUATION</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr><td>50 MHz</td><td>4.1</td></tr> <tr><td>100 MHz</td><td>6.1</td></tr> <tr><td>200 MHz</td><td>8.3</td></tr> <tr><td>470 MHz</td><td>12.9</td></tr> <tr><td>860 MHz</td><td>18.0</td></tr> <tr><td>1000 MHz</td><td>19.8</td></tr> <tr><td>1350 MHz</td><td>23.2</td></tr> <tr><td>1750 MHz</td><td>26.9</td></tr> <tr><td>2150 MHz</td><td>30.3</td></tr> <tr><td>2400 MHz</td><td>32.4</td></tr> </tbody> </table>	ATTENUATION	dB /100m	50 MHz	4.1	100 MHz	6.1	200 MHz	8.3	470 MHz	12.9	860 MHz	18.0	1000 MHz	19.8	1350 MHz	23.2	1750 MHz	26.9	2150 MHz	30.3	2400 MHz	32.4
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2400 MHz	32.4																						

### SAT 975



CABLE STRUCTURE	TECHNICAL DATA																						
<p><b>Inner conductor :</b> of bare copper with diameter 1x 1.65 mm.</p> <p><b>Μόνωση αγωγού :</b> of gas-injected foam PE of diameter 7.20 mm.</p> <p><b>1<sup>st</sup>Screen :</b> of laminated alluminum foil with coverage 100%.</p> <p><b>2<sup>nd</sup> Screen :</b> of tinned copper braid with coverage 67%.</p> <p><b>Outer sheath :</b> of PE .</p> <p><b>Outer diameter :</b> 10.1 mm.</p> <p><b>Copper weight :</b> 40.2 Kg/Km.</p> <p><b>Cable weight :</b> 89.6 Kg/Km.</p>	<p><b>Impedance :</b> 75 ± 1.5 Ohm.</p> <p><b>Capacitance :</b> 53 pF/m.</p> <p><b>Inner conductor resistance:</b> 8.2 Ohm /Km.</p> <p><b>Outer conductor resistance :</b> 8.5 Ohm /Km.</p> <table border="1"> <thead> <tr> <th>ATTENUATION</th> <th>dB /100m</th> </tr> </thead> <tbody> <tr><td>50 MHz</td><td>2.9</td></tr> <tr><td>100 MHz</td><td>4.3</td></tr> <tr><td>200 MHz</td><td>5.9</td></tr> <tr><td>470 MHz</td><td>9.0</td></tr> <tr><td>860 MHz</td><td>12.7</td></tr> <tr><td>1000 MHz</td><td>14.0</td></tr> <tr><td>1350 MHz</td><td>16.5</td></tr> <tr><td>1750 MHz</td><td>19.1</td></tr> <tr><td>2150 MHz</td><td>21.7</td></tr> <tr><td>2400 MHz</td><td>32.2</td></tr> </tbody> </table>	ATTENUATION	dB /100m	50 MHz	2.9	100 MHz	4.3	200 MHz	5.9	470 MHz	9.0	860 MHz	12.7	1000 MHz	14.0	1350 MHz	16.5	1750 MHz	19.1	2150 MHz	21.7	2400 MHz	32.2
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