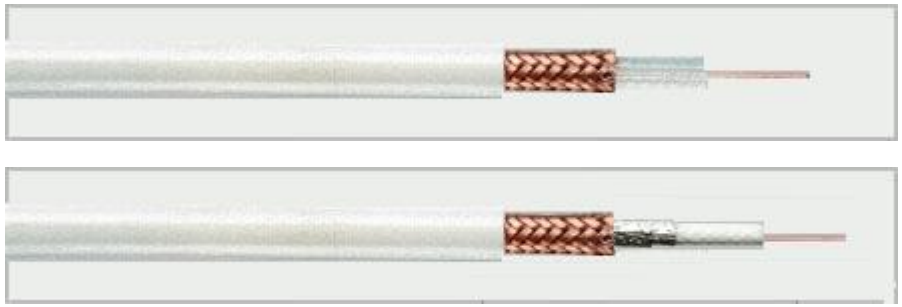
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Application

The cables are intended for wiring in signal transmission networks in high-frequency equipment, control and measuring devices and instruments, for data transmission in high-frequency in formation and local computer networks, for connecting radio and television antennas.
The electrical and mechanical properties make these cables suitable for application at all levels of the modern technologies for operation at high frequencies.

Radio-frequency coaxial cables with solid insulation and Cu braid screen

Technical data

- manufactured acc. to BDS 6483-87, technical specifications of GAMAKABEL and GOST 11326.0
- temperature of environment:
  for sheaths of light-proof polyethylene: - 40 °C to +50 °C
  for sheaths of PVC compound: - 30 °C to +60 °C
- minimum bending radius:
  mobile : 20D
  fixed : 5D (D - diameter of cable)
- minimum temperature during installation: - 5 °C
- vibration-proof with frequency from 1 to 5000 Hz for 3 h
- resistant to low air-pressure, to 0,67 kPa
- resistant to high air-pressure, to 294 kPa
- resistant to high atmospheric humidity, 98 %
- dielectric constant - for insulation of solid polyethylene: 2,35

Cable design

- copper conductors - copper or tinned copper conductors
- insulation: solid polyethylene
- outer conductor - screen of copper or tinned copper braid
- coverage density min 90 %
- sheath:
  light-proof polyethylene, black colour
  PVC compound, white, grey or black colour

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Type	Inner Conductor Material Construction No. x mm	Insulation Material Diameter mm	Outer Conductor (screen)	Diameter of Ready Cable Material mm	Impedance Ω	Capacitance max pF/m	Test Voltage min kV	Attenuation at 200 MHz max dB/100m	Cable Weight kg/km
RK 50-1,5-11A	Cu 7 x 0,16	PE 1,50	Tinned Cu Braid	2,75 PVC	50±3	101	1,5	40	12
RK 50-2-11A	Cu 1 x 0,67	PE 2,25	Cu Braid	4,00 PVC	50±3	100	3,0	25	25
RK 50-3-11A	Cu 1 x 0,84	PE 2,95	Cu Braid	4,90 PVC	50±3	105	3,5	20	36
RK 50-3-12A	Cu1 x 0,90	PE 3,15	Cu Braid	5,10 PVC	50±3	101	4,0	19	39
RK 50-7-11A	Cu 7 x 0,75	PE 7,30	Cu Braid	9,95 PVC	50±3	100	8,0	10	43
RK 50-9-12A	Cu 7 x 0,90	PE 9,00	Cu Braid	11,70 PVC	50±3	100	10,0	8	190
RK 75-2-11A	Cu 1 x 0,30	PE 2,00	Cu Braid	3,25 PVC	75±3,5	67	3,0	30	15
RK 75-3-11A	Cu 1 x 0,59	PE 3,90	Cu Braid	5,85 PVC	75±3	67	4,2	16	45
RK 75-3-12A	Cu 7 x 0,21	PE 3,70	Cu Braid	5,65 PVC	75±3	67	4,2	19	44
RK 75-4-11A	Cu 1 x 0,68	PE 4,60	Cu Braid	6,95 PVC	75±3	67	6,0	14	62
RK 75-4-12A	Cu 7 x 0,26	PE 4,60	Cu Braid	6,75 PVC	75±3	69	5,0	15	60
RK 75-7-11A	Cu 7 x 0,40	PE 7,25	Cu Braid	10,00 PVC	75±3	70	8,0	10	124
RK 75-9-11A	Cu 1 x 1,37	PE 9,30	Cu Braid	12,20 PVC	75±3	70	10,0	8	173
RG 58/U	tinned Cu 19x0,18	PE 2,95	Tinned Cu Braid	4,90 PVC	50±3	101	3,0	24	36
RG 213/U	Cu 7x0,75	PE 7,30	Cu Braid	10,20 PVC	50±3	100	8,0	10	156
RG 217/U	Cu 1x2,70	PE 9,30	Double Cu Braid	12,80 PVC	50±3	100	10,0	7	263
RG 59/U-Cu	Cu 1x0.60	PE 3,70	Cu Braid	6,15 PVC	75±3	68	3,0	16,5	53
RG 11/U	tinned Cu 7x0,40	PE 7,30	Cu Braid	9,95 PVC	75±3	68	8,0	10	133
RK 50-2-11	Cu 1 x 0,67	PE 2,20	Cu Braid	3,65 PVC	50±3	100	3,0	25	20
RK 75-2-14	Cu 1 x 0,40	PE 2,55	Double Tinned Cu Braid	4,85 PVC	75±3	68	3,0	20	28
RK 75-4-11	Cu 1 x 0,72	PE 4,60	Cu Braid	7,35 PE	75±3	67	6,0	14	60
RK 75-4-12	Cu 7 x 0,26	PE 4,60	Cu Braid	7,35 PE	75±3	67	6,0	15	71
RK 75-4-15	Cu 1 x 0,72	PE 4,60	Cu Braid	7,35 PVC	75±3	67	6,0	14	71
RK 75-9-13	Cu 1 x 1,35	PE 9,00	Cu Braid	12,30 PE	75±3	70	10,0	8	164
8xRK 75-2-11A	Cu 1 x 0,30	PE 2,55	Double Tinned Cu Braid	14,30 PVC	75±3,5	67	3,0	30	173

Note: PE-polyethylene PVC-polyvinylchloride

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Radio-frequency coaxial cables with cellular insulation and Cu braid screen

Technical data

- manufactured acc. to BDS 6483-87 and technical specification of GAMAKABEL
- temperature of environment: - 30 °C to +60 °C
- minimum bending radius:
  mobile : 20D
  fixed : 5D (D - diameter of cable)
- minimum temperature during installation: - 5 °C
- vibration-proof with frequency from 1 to 5000 Hz for 3 h
- resistant to low air-pressure, to 0,67 kPa
- resistant to high air-pressure, to 294 kPa
- resistant to high atmospheric humidity, 98 %
- dielectric constant - for insulation of cellular polyethylene: 1,60

Cable design

- copper conductors - solid copper conductors
- insulation: cellular polyethylene
- outer conductor - screen of copper braid or double screen of Al foil and Cu or tinned Cu braid
- coverage density min 90 %, max 100%
- sheath: PVC compound, white, grey or black colour

Type	Inner Conductor Material Construction No. x mm	Insulation Material Diameter mm	Outer Conductor (screen)	Diameter of Ready Cable Material mm	Impedance Ω	Capacitance max pF/m	Test Voltage min kV	Attenuation at 200 MHz max dB/100m	Cable Weight kg/km
RK 75-3-31A	Cu 1 x 0,68	PPE 3,10	Cu Braid	5,15 PVC	75±5	56	1,0	17	33
RK 75-3-341Ak	Cu 1 x 0,68	PPE 3,25	Al foil + tinned Cu Braid	5,20 PVC	75±5	57	1,0	15	26
RK 75-5-341A	Cu 1 x 1,00	PPE 4,70	Al foil + Cu Braid	6,70 PVC	75±5	57	2,0	9,5	42
RK 75-5-341Ak	Cu 1 x 1,00	PPE 4,70	Al foil + tinned Cu Braid	6,70 PVC	75±5	57	2,0	9,5	42
RK 75-4,8-441A	Cu 1 x 1,10	PPE 4,80	Al foil + Cu Braid	7,00 PVC	75±5	57	2,0	8,5	57

Note: PPE- cellular polyethylene PVC-polyvinylchloride