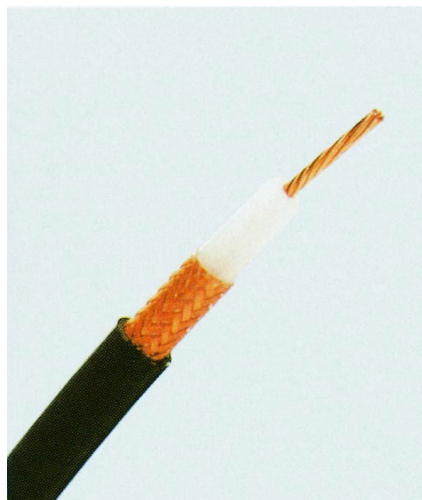


RG 58 C/U RG 213 /U

Coaxial Cable 50 Ohm

according to US-Standard MIL - C - 17



Construction

RG 58 C/U

Tinned and fine-stranded copper conductor (19 x 0.18), core insulation of polyethylene (PE), (diameter 2.95 mm), a tinned copper braid, outer sheath of PVC, black.

RG 213 /U

Stranded bare copper conductor (7 x 0.76), core insulation of polyethylene (PE), (diameter 7.25 mm), a bare copper braid, outer sheath of PVC, black.

Application

For indoor installation as well as in industrial areas in conduits and cable ducts, for transmission of high frequency signals and power.

Temperature range

- 35°C till + 80°C

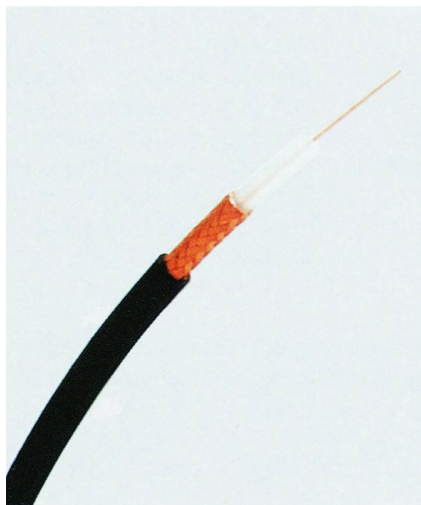
RG - Type			58 C/U	213 /U
Electrical / thermal parameters				
Frequency range	$f_{\max}$	GHz	3	3
Wave resistance	Z_L	Ohm	50 ± 2	50 ± 2
Attenuation	α_{nom}			
	10 MHz	dB / 100 m	4,6	1,8
	20 MHz	dB / 100 m	6,6	2,8
	50 MHz	dB / 100 m	10,7	4,4
	100 MHz	dB / 100 m	15,3	6,8
	200 MHz	dB / 100 m	22,8	9,7
	500 MHz	dB / 100 m	37,0	16,2
	800 MHz	dB / 100 m	48,8	21,5
	1000 MHz	dB / 100 m	55,5	24,5
Capacity	C	nF / km	100,0	100,0
Rel. velocity of propagation	V_{rel}	%	67,0	67,0
Insulation resistance	R_{ISO}	MOhm x km	$\geq 10^5$	$\geq 10^5$
Electric strength	50 Hz	kV_{eff}	5,0	10,0
Peak operating voltage		kV_s	2,5	5,2

RG - Type	Price	Copper figure	Overall diameter	Weight
	EUR / km	kg / km	ca. mm	ca. kg / km
58 C/U	900,22	19	5,0	35
58 C/U für Erdverlegung	1.081,90	19	5,0	35
58 C/U halogenfrei	1.899,90	19	5,0	35
213 /U	2.071,33	85	10,3	154

RG 59 B/U RG 11 A/U

Coaxial Cable 75 Ohm

according to US-Standard MIL - C - 17



Construction

RG 59 B/U

Steel-cored copper conductor, diameter 0.58 mm, core insulation of polyethylene (PE), (diameter 3.7 mm), a bare copper braid, outer sheath of PVC, black.

RG 11 A/U

Tinned and stranded copper, conductor (7 x 0.4), core insulation of polyethylene (PE), (diameter 7.25 mm), a bare copper braid, outer sheath of PVC, black.

Application

For indoor installation as well as in industrial areas in conduits and cable ducts, for transmission of high frequency signals and power.

Temperature range

- 35°C till + 80°C

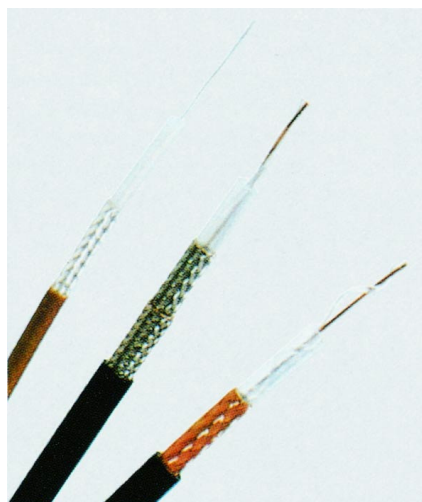
RG - Type			59 B/U	11 A/U
Electrical / thermal parameters				
Frequency range	$f_{\max}$	GHz	3	3
Wave resistance	Z_L	Ohm	75 ± 3	75 ± 3
Attenuation	α_{nom}			
	10 MHz	dB / 100 m	3,3	2,3
	20 MHz	dB / 100 m	4,7	3,3
	50 MHz	dB / 100 m	7,5	5,3
	100 MHz	dB / 100 m	11,1	7,7
	200 MHz	dB / 100 m	16,8	11,2
	500 MHz	dB / 100 m	27,0	18,5
	800 MHz	dB / 100 m	35,1	24,3
	1000 MHz	dB / 100 m	39,2	27,7
Capacity	C	nF / km	68,0	68,0
Rel. velocity of propagation	V_{rel}	%	67,0	67,0
Insulation resistance	R_{ISO}	MOhm x km	$> 10^5$	$> 10^5$
Electric strength	50 Hz	kV _{eff}	7,0	10,0
Peak operating voltage		kV _s	3,5	5,2

RG - Type	Price	Copper figure	Overall diameter	Weight
	EUR / km	kg / km	ca. mm	ca. kg / km
59 B/U	857,99	24	6,2	51
59 C/U für Erdverlegung	1.032,10	24	6,2	51
59 C/U halogenfrei	1.812,00	24	6,2	51
11 A/U	2.189,78	56	10,2	125

RG 62 A/U RG 71 B/U

Coaxial Cable 93 Ohm

according to US-Standard MIL - C - 17



Construction

RG 62 A/U	RG 71 B/U
Steel-cored copper conductor diameter 0.64 mm, core insulation of polyethylene/air (PE/air) (diameter 3.7 mm), bare copper braid, outer sheath of PVC, black.	Steel-cored copper conductor diameter 0.64 mm, core insulation of polyethylene/air (PE/air) (diameter 3.7 mm), double screen of tinned copper braid, outer sheath of PVC, black.

Application

For indoor installation as well as in industrial areas in conduits and cable ducts, for transmission of high frequency signals and power.

Temperature range

- 35°C till + 80°C (RG 62 A/U)
- 50°C till + 70°C (RG 71 B/U)

RG - Type			62 A/U	71 B/U
Electrical / thermal parameters				
Frequency range	$f_{\max}$	GHz	3	3
Wave resistance	Z_L	Ohm	93 ± 3	93 ± 3
Attenuation	α_{nom}			
	1 MHz	dB / 100 m	0,95	0,95
	10 MHz	dB / 100 m	3,0	3,0
	100 MHz	dB / 100 m	9,0	9,0
	400 MHz	dB / 100 m	18,0	18,0
Capacity	C	nF / km	43,0	43,0
Rel. velocity of propagation	V_{rel}	%	83,0	83,0
Insulation resistance	R_{ISO}	MOhm x km	$> 10^5$	$> 10^5$
Electric strength	50 Hz	kV_{eff}	3,0	3,0
Peak operating voltage		kV_s	1,1	1,5

RG - Type	Price	Copper figure	Overall diameter	Weight
	EUR / km	kg / km	ca. mm	ca. kg / km
62 A/U	857,99	23	6,15	55
71 B/U	1.396,68	45	6,22	59