



## RG 59 B/U Coaxial Cable 75 Ohm

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



- Construction:**
- 1 ..... copper-platinated steel (STAKU)  
Ø ca. 0,584mm
  - 2 ..... core insulation of polyethylene (Dielectricum)  
Ø ca. 3,7mm
  - 3 ..... screen of bare copper braiding
  - 4 ..... outer sheath of polyvinylchloride (PVC), black

**Information:** For underground laying PE outer sheath.  
Special plastic in the halogen-free version.

**Standards:** adapted to US Standard MIL -C - 17

**Technical data:**

Temperature range	in motion		-5°C till +70°C
Frequency range	F max	[GHz]	3,0
Insulation resistance	R iso	[MΩ/km]	10000
Impedance	ZL	[Ω]	75 +/-3
Conductor loop-resistance		[Ω/km]	180,0
Attenuation	100 MHz	[dB / 100m]	11,1
Capacitance	C	[NF / km]	67
Rel. velocity ratio	V rel	%	67,0
Electric strength	50Hz	[KV]eff	7
Bending radius	min.	[mm]	30
Operating peak voltage		[kV]	3,5

Type	from stock	Copper figure kg/km	Overall diameter appr. mm	Weight appr. kg / km
RG 59 B/U	●	24	6,2	51
RG 59 B/U for underground laying (UV-resistant)	●	24	6,2	51
RG 59 B/U halogen free	●	24	6,2	51
RG 59 + 2 x 0,75	●	40	5,2 x 9,7	59