

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	[MΩm/km]	10000
Impedance	ZL	[Ωm]	75 +/-3
Conductor loop-resistance		[Ωm/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	Copper figure kg/km	Overall diameter appr. mm	Weight appr. kg/km
RG 59 B/U	23,0	6,2	51
RG 59 B/U for underground laying	23,0	6,2	51
RG 59 B/U halogen free	23,0	6,2	51
RG 59 + 2 x 0,75	38,4	5,2 x 9,7	59