

## RG 58 C/U Coaxial Cable 50 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 ..... fine-stranded tinned copper construction: 19 x 0,18mm
- 2 ..... core insulation of polyethylene (Dielectricum) Ø ca. 2,95mm
- 3 ..... screen of tinned 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]	50 +/-2
Attenuation	100 MHz	[dB / 100m]	15,3
Capacitance	C	[NF / km]	100
Rel. velocity ratio	V rel	%	67,0
Electric strength	50Hz	[KV]eff	5
Bending radius	min.	[mm]	25
Operating peak voltage		[kV]	2,5

Type	Copper figure kg/km	Overall diameter appr.mm	Weight appr. kg/km
RG 58 C/U	18,2	5,0	35
RG 58 C/U for underground laying	18,2	5,0	35
RG 58 C/U halogen free	18,2	5,0	35