

Datasheet RG 58 C/U

Version 1/2009

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 0,75mm
- 2 core insulation of polyethylene (PE)
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.

According to:

according 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]	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	19	5,0	35
RG 58 C/U for underground laying	19	5,0	35
RG 58 C/U halogen free	19	5,0	35