

Datasheet RG 59 B/U

Version 1/2009

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
Ø ca. 0,584mm
- 2 core insulation of polyethylene (PE)
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.

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]	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

	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	24	6,2	51
RG 59 B/U halogen free	24	6,2	51