

**50 Ohm - coax cable RG58C/UE - PVC**

- 50 Ohm characteristic impedance
- economic version similar to MIL-C-17F

**PVC**

The lower-price version of the RG58C/U is also primarily used to connect the receivers and receiving antennas of wireless microphones over medium distances. The 50 Ω coaxial cable is identical to the RG58C/U in all respects except the copper braided shield; its somewhat lower shielding effectiveness reduces the copper content and lowers the costs. The cable is ideal for environments where electromagnetic interference is less of a risk.

**construction**

inner conductor	stranded tinned copper, 19 x 0.18 mm
insulation	PE, Ø 2.95 mm
shielding	tinned copper braid, 82% coverage
outer jacket	PVC
overall diameter	5.0 mm

**mechanics**

min. bending radius	25 mm
working temperature	-20°C / +70°C

**electric**

characteristic impedance	50 ± 2 Ω
capacitance	100 pF/m
velocity of propagation	66 %
DC resistance	
inner conductor	38 Ω/km
outer conductor	22 Ω/km
attenuation [dB/100m]	
50 MHz	10.5
100 MHz	15.2
200 MHz	22.2
400 MHz	32.5
800 MHz	48.5
1000 MHz	55.2

order code	outer jacket	working temperature	colour	weight kg
RG058EY	PVC	-20°C / +70°C	black	0,032

technical specifications are subject to change