



### 75 Ohm - coax cable RG59B/U PVC

- 75 Ohm characteristic impedance
- inner conductor from copper covered steel
- bare copper braid shield, 94% coverage

PVC

Eca

This standard 75 Ω coaxial cable is designed for connecting transmitter and receiver systems and other HF equipment. Its CCS inner conductor with 0.58 mm diameter comprises a copper-clad solid steel wire with extremely high tensile strength and is enclosed in a polyethylene dielectric medium. An ultra-dense copper shield protects against electromagnetic scattering. The cable is available with PVC outer jacket.

#### construction

inner conductor	copper covered steel, 1x Ø 0.58 mm
insulation	PE, Ø 3.7 mm
shielding	bare copper braid, 94% coverage
overall diameter	6.15 mm

#### mechanics

min. bending radius	30 mm
working temperature	-20°C / +70°C

#### electric

characteristic impedance	75 Ω ± 2%
velocity of propagation	66 %
DC resistance	
outer conductor	9 Ω/km
attenuation [dB/100m]	
50 MHz	7.7
100 MHz	11.0
200 MHz	15.9
800 MHz	34.2
1000 MHz	38.9

order code	ref. type	outer jacket	working temperature	cable color	weight kg/m	standard lengths m
RG059-Y	RG59B/U	PVC	-20°C / +70°C	black	0.05	50 / 100 / 200 / 300

technical specifications are subject to change