

50 Ohm - coax cable RG58C/U PVC - Eca

- 50 Ohm characteristic impedance
- tinned copper braid shield
- CPR class Eca acc. to EN50575

PVC | CPR E CA

This 50 Ω coaxial cable transmits high-frequency signals and is the standard cable for connecting receiving antennas of wireless microphones over medium distances. Please observe the technical specifications of your wireless transmission system with respect to maximum transmission distance. The inner conductor comprises a flexible tinned copper wire with polyethylene dielectric medium. The extra-densely woven copper shield provides effective protection against electromagnetic scattering. The cable is available with an outer jacket of FRNC - the latter flame-retardant and halogen-free material is particularly recommended for installations.

design

inner conductor	stranded tinned copper, 19 x 0.18 mm
insulation	PE, Ø 2.95 mm
shielding	tinned copper braid, 92% coverage
overall diameter	5.0 mm

mechanics

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

electric

characteristic impedance	50 ± 2 Ω
velocity of propagation	66 %
DC resistance	
outer conductor	17 Ω/km
nom. attenuation [dB/100m]	
50 MHz	10.4
100 MHz	15.0
200 MHz	21.9
400 MHz	32.2
800 MHz	48.1
1000 MHz	54.8

order code	ref. type	outer jacket	working temperature	cable color	weight kg/m	standard lengths m
RG058-Y	RG58C/U	PVC	-20°C / +70°C	black	0.04	50 / 100 / 200 / 300

technical specifications are subject to change

KLOTZ AIS GmbH
Johann-Sebastian-Bach-Str. 36
85591 Vaterstetten / Munich
Tel.: +49.(0)8106.308.0
Fax: +49.(0)8106.308.101
info@klotz-ais.com
klotz-ais.com