

**50 Ohm - coax cable RG213/U - FRNC Eca**

- 50 Ohm characteristic impedance
- flame retardant and non corrosive (FRNC)
- CPR class Eca acc. to EN50575

new

FRNC

Eca

A cable primarily designed for use in installations. In many cases, it is impossible to position receiving antennas for wireless microphones optimally for stage use; the antennas may have to be placed outside the stage area or the receivers are sited far away in the director's box. Long cable distances are often needed. This coaxial cable is ideal for these situations and more; its generous inner conductor (Cu wire, 7 x 0.75 mm) minimizes attenuation. Please observe the technical specifications of your wireless transmission system with respect to maximum transmission distance. The cable has a bare braided copper shield giving extremely high shielding effectiveness. It is available with an outer jacket of FRNC.

construction

inner conductor	stranded bare copper, 7 x 0,75 mm
insulation	PE, Ø 7.2 mm
shielding	bare copper braid, 94% coverage
overall diameter	10.3 mm

mechanics

min. bending radius	50 mm
working temperature	-30°C / +70°C

electric

characteristic impedance	50 $\pm$ 2 Ω
capacitance	100 pF/m
velocity of propagation	66 %
DC resistance	
inner conductor	6.0 Ω /km
outer conductor	4.2 Ω /km
attenuation [dB/100m]	
50 MHz	4.4
100 MHz	6.4
200 MHz	9.4
800 MHz	21.0
1000 MHz	24.1

order code	outer jacket	working temperature	colour	weight kg	standard lengths m
RG213-HB-E	FRNC	-30°C / +70°C	black	0,145	50 / 100 / 200 / 300

technical specifications are subject to change