

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

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

**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.

**design**

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**

velocity of propagation	66 %
DC resistance	
outer conductor	4.2 Ω/km
nom. attenuation [dB/100m]	
50 MHz	4.4
100 MHz	6.4
200 MHz	9.4
400 MHz	14.4
500 MHz	16.3
600MHz	18.1
800 MHz	21.0
1000 MHz	24.1

order code	ref. type	outer jacket	working temperature	cable color	weight kg/m	standard lengths m
RG213-HB-E	RG213/U	FRNC	-30°C / +70°C	black	0.14	50 / 100 / 200 / 300

technical specifications are subject to change