

RG Series Coaxial Cable – 50 Ohms

Specifications

Impedance: 50 Ohms
Stranded Copper Center Conductor
Excellent for HF/VHF
Foot Markings



Cable Type		RG-8X (Low Loss 240 FLEX)	RG-213/U
		Ideal for portable operation when small cable size and flexibility is important.	Ideal for general HF and VHF use. Also can be used around a rotor for HF beams.
SKU	By The Foot	RG8X-BTF	RG213-BTF
SKU	500' Reel	N/A	RG213-B500
SKU	1000' Reel	RG8X-B1000	N/A
SKU	Cable Assembly w/ Connectors	CA-8X-C1-C2-L	CA-213-C1-C2-L
Center Conductor	Ø inches	19 x 0.011 Bare Copper Stranded Wire	7 / 0.752 Bare Copper Stranded Wire
Insulation Type		Foam Polyethylene	Solid Polyethylene
1 st Shielding		Bonded Aluminum Foil	None
Outer Braid		Tinned Copper Braid	Bare Copper Braid
Braid Coverage		90% (+/-3%)	95%(+/-3%)
Outer Jacket	Ø inches	0.242" PVC	0.405" PVC
Bending Radius (Installation)	inches	3/4"	2 3/4"
Bending Radius (Repeated)	inches	2 3/8"	8 1/2"
		Attenuation in dB/100ft (Avg Power in Watts)	Attenuation in dB/100ft (Avg Power in Watts)
Attenuation : dB/100ft	1 Mhz (160meters)	0.290 (6860)	0.192 (10590)
Avg Power: Watts	3.5 Mhz (80 meters)	0.544 (3660)	0.361 (5630)
	4 Mhz (75 meters)	0.582 (3420)	0.387 (5260)
	5.3 Mhz (60 meters)	0.670 (2970)	0.446 (4560)
	7 Mhz (40 meters)	0.771 (2490)	0.514 (3960)
	10 Mhz (30 meters)	0.922 (2160)	0.616 (3300)
	14 Mhz (20 meters)	1.092 (1820)	0.732 (2780)
	18 Mhz (17 meters)	1.239 (1610)	0.833 (2440)
	21 Mhz (15 meters)	1.339 (1490)	0.901 (2260)
	27 Mhz (11 meters)	1.520 (1310)	1.026 (1980)
	28 Mhz (10 meters)	1.548 (1290)	1.045 (1940)
	50 Mhz (6 meters)	2.073 (960)	1.413 (1440)
	145 Mhz (2 meters)	3.555 (560)	2.482 (820)
Impedence	Ω	50	50
Velocity Factor	%	84%	66%
Capacitance	pF/ft	24.38	30.78
Life Expectancy	Years	20+	20+
Operating Temperature Range	F	-40 / +185	-40 / +185

Available in bulk by the foot and as professionally made cable assemblies with connectors installed. Visit <http://www.jefatech.com>