

# RG 213/U Type

## Product Construction:

### Conductors:

- Copper per ASTM B-3

### Insulation/Core:

- Solid polyethylene (PE) design

### Shield:

- Bare copper braid

### Jacket:



- Premium non-contaminating black PVC

### Packaging:

- Please contact Customer Service for packaging and color options

## Applications:

- Suitable for RF signal transmission
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
<b>C1176</b> <b>RG 213/U Type</b> <b>MIL-C-17G Type</b> <b>UL 1354</b> 	13 Ga. (7/21) Bare Copper 1.7 Ω/Mft.	Solid PE		95% Bare Copper Braid 1.2 Ω/Mft.	Black PVC		30.80	101.05	66	50	1	0.18
		0.285	7.24		0.405	10.29					10	0.62
<b>397010</b> <b>RG-213/U</b> <b>MIL-C-17/163A</b> <b>UL-CMX c(UL)</b> <b>UL 1354</b> 	13 AWG (7/.0296) (.089) Bare Copper 1.7 Ω/Mft.	Solid PE		97% Bare Copper Braid 1.20 Ω/Mft.	Non-Contaminating PVC		30.80	101.05	66	50	1	0.16
		0.285	7.24		0.405	10.29					5	0.53
											10	1.18
											50	1.90
											100	4.03
											200	5.94
											400	8.79
											1000	21.22
											2000	22.57
											4000	34.24

# RG 214/U Type

## Product Construction:

### Conductors:

- Stranded silver-plated copper

### Insulation/Core:

- Solid polyethylene (PE) design

### Shield:

- Dual braid silver-plated copper shield

### Jacket:


- Premium non-contaminating PVC compound

### Packaging:

- Please contact Customer Service for packaging and color options

## Applications:

- Suitable for RF signal transmission
- See Coax Connector Cross Reference, pages 181-188

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
<b>397011</b> <b>RG-214/U</b> <b>MIL-C-17/164</b> <b>UL-CMX c(UL)</b> <b>UL 1354</b> 	13 AWG (7/.0296) (.089) Silver-Plated Copper 1.7 Ω/Mft.	Solid PE		Dual Braid Shield 97% Silver-Plated Copper 0.74 Ω/Mft.	Non-Contaminating PVC		30.80	101.02	66	50	1	0.16
		0.285	7.24		0.425	10.79					5	0.36
											10	0.58
											50	1.23
											100	1.81
											200	2.68
											400	4.07
											1000	6.88
											2000	10.44
											4000	16.18