

Item #	Description	1-9	10-24	25-99	100-249	250-499
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RG142B/U - 50 Ohm Coaxial Cables, Double Shielded, Hi-Temp (200°C) with BNC Plugs

RG142/U - 50 Ohm Hi-Temp Coaxial Cables with BNC terminations have double braided shields for better shielding as well as TFE (Tetrafluoroethylene) dielectric and FEP (Fluorinated Ethylene-Propylene) jacket for their flame proof characteristics.

<p>RG142B/U</p> <p>50 Ohm Impedance</p>	<ul style="list-style-type: none"> Center Conductor: 18 AWG solid 0.37 silver coated copper Shielding: 2 silver coated copper braids (96% coverage) Insulation: TFE Teflon Jacket: Brown FEP Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant 	NOMINAL ATTENUATION		
		MHz	db/100 ft	db/100m
	50	2.7	8.9	
	100	3.9	12.8	
	200	5.6	18.4	
	400	8.2	26.9	
	1000	13.5	44.3	

RG142B/U - 50 Ohm Double Shielded Cable with Two In-Line BNC Plugs

CC142B-1	RG142B Cable, BNC Male / Male, 1.0 ft	14.85	14.26	13.66	13.07	12.47
CC142B-1.5	RG142B Cable, BNC Male / Male, 1.5 ft	15.65	15.02	14.40	13.77	13.15
CC142B-2	RG142B Cable, BNC Male / Male, 2.0 ft	16.45	15.79	15.13	14.48	13.82
CC142B-2.5	RG142B Cable, BNC Male / Male, 2.5 ft	17.25	16.56	15.87	15.18	14.49
CC142B-3	RG142B Cable, BNC Male / Male, 3.0 ft	18.05	17.33	16.61	15.88	15.16
CC142B-4	RG142B Cable, BNC Male / Male, 4.0 ft	19.65	18.86	18.08	17.29	16.51
CC142B-5	RG142B Cable, BNC Male / Male, 5.0 ft	21.25	20.40	19.55	18.70	17.85
CC142B-6	RG142B Cable, BNC Male / Male, 6.0 ft	22.85	21.94	21.02	20.11	19.19
CC142B-7.5	RG142B Cable, BNC Male / Male, 7.5 ft	25.25	24.24	23.23	22.22	21.21
CC142B-10	RG142B Cable, BNC Male / Male, 10.0 ft	29.25	28.08	26.91	25.74	24.57
CC142B-15	RG142B Cable, BNC Male / Male, 15.0 ft	37.25	35.76	34.27	32.78	31.29
CC142B-25	RG142B Cable, BNC Male / Male, 25.0 ft	53.25	51.12	48.99	46.86	44.73
CC142B-50	RG142B Cable, BNC Male / Male, 50.0 ft	93.25	89.52	85.79	82.06	78.33
CC142B-75	RG142B Cable, BNC Male / Male, 75.0 ft	133.25	127.92	122.59	117.26	111.93
CC142B-100	RG142B Cable, BNC Male / Male, 100.0 ft	173.25	166.32	159.39	152.46	145.53

RG213/U - Low Attenuation, High Voltage 50 Ohm Cable with TNC, Type N and BNC Plugs

RG213/U is a commonly used flexible coaxial cable with low attenuation characteristics and a maximum operating voltage of 5000 volts RMS. Offered with TNC, Type N and BNC plugs in eight standard lengths. Custom lengths and connector combinations available with modest minimums.

<p>RG213/U</p> <p>50 Ohm Impedance</p>	<ul style="list-style-type: none"> Center Conductor: 13 AWG (7 x .0296) bare copper Shielding: Bare copper braids (96% coverage) Insulation: Solid polyethylene Jacket: Black PVC Operating Temperature: -40°C - +80°C 	NOMINAL ATTENUATION		
		MHz	db/100 ft	db/100m
	50	1.3	4.3	
	100	1.9	6.2	
	200	2.7	8.9	
	400	4.1	13.4	
	1000	8.0	26.2	
	4000	21.5	70.5	

RG213/U - 50 Ohm Low Attenuation Cable with Two In-Line TNC Plugs

CC213T-5	RG213 Cable, TNC Male / Male, 5.0 ft	18.25	17.52	16.79	16.06	15.33
CC213T-10	RG213 Cable, TNC Male / Male, 10.0 ft	22.00	21.12	20.24	19.36	18.48
CC213T-15	RG213 Cable, TNC Male / Male, 15.0 ft	25.75	24.72	23.69	22.66	21.63
CC213T-25	RG213 Cable, TNC Male / Male, 25.0 ft	33.25	31.92	30.59	29.26	27.93
CC213T-50	RG213 Cable, TNC Male / Male, 50.0 ft	52.00	49.92	47.84	45.76	43.68
CC213T-75	RG213 Cable, TNC Male / Male, 75.0 ft	70.75	67.92	65.09	62.26	59.43
CC213T-100	RG213 Cable, TNC Male / Male, 100.0 ft	89.50	85.92	82.34	78.76	75.18
CC213T-125	RG213 Cable, TNC Male / Male, 125.0 ft	108.25	103.92	99.59	95.26	90.93

RG213/U - 50 Ohm Coaxial Cables with Two In-Line Type N Plugs

CC213-5	RG213 Cable, Type N Male / Male, 5.0 ft	18.25	17.52	16.79	16.06	15.33
CC213-10	RG213 Cable, Type N Male / Male, 10.0 ft	22.00	21.12	20.24	19.36	18.48
CC213-15	RG213 Cable, Type N Male / Male, 15.0 ft	25.75	24.72	23.69	22.66	21.63
CC213-25	RG213 Cable, Type N Male / Male, 25.0 ft	33.25	31.92	30.59	29.26	27.93
CC213-50	RG213 Cable, Type N Male / Male, 50.0 ft	52.00	49.92	47.84	45.76	43.68
CC213-75	RG213 Cable, Type N Male / Male, 75.0 ft	70.75	67.92	65.09	62.26	59.43
CC213-100	RG213 Cable, Type N Male / Male, 100.0 ft	89.50	85.92	82.34	78.76	75.18
CC213-125	RG213 Cable, Type N Male / Male, 125.0 ft	108.25	103.92	99.59	95.26	90.93

RG213/U - 50 Ohm Low Attenuation Cable with Two In-Line BNC Plugs

CC213B-5	RG213 Cable, BNC Male / Male, 5.0 ft	17.50	16.80	16.10	15.40	14.70
CC213B-10	RG213 Cable, BNC Male / Male, 10.0 ft	21.25	20.40	19.55	18.70	17.85
CC213B-15	RG213 Cable, BNC Male / Male, 15.0 ft	25.00	24.00	23.00	22.00	21.00
CC213B-25	RG213 Cable, BNC Male / Male, 25.0 ft	32.50	31.20	29.90	28.60	27.30
CC213B-50	RG213 Cable, BNC Male / Male, 50.0 ft	51.25	49.20	47.15	45.10	43.05
CC213B-75	RG213 Cable, BNC Male / Male, 75.0 ft	70.00	67.20	64.40	61.60	58.80
CC213B-100	RG213 Cable, BNC Male / Male, 100.0 ft	88.75	85.20	81.65	78.10	74.55
CC213B-125	RG213 Cable, BNC Male / Male, 125.0 ft	107.50	103.20	98.90	94.60	90.30

TIP: Solid vs stranded center conductors

In coaxial cable there is a trade off in center conductor construction. A solid center conductor will give the best attenuation performance but will be somewhat stiff, while a stranded center conductor will be more flexible but have slightly higher attenuation.

Video clip at www.l-com.com/videos/A19

Solid center conductor Stranded center conductor



RG142 and RG213 50 Ohm Cable Assemblies