

RG223 Coaxial Cable, Type N Male/Male 2.0 ft


Features for this product

- 50 Ohm RF (Radio Frequency) transmission
- Solid center conductor of RG223/U cable minimizes attenuation
- Double shielding of RG223/U cable enhances shielding performance
- Crimp style attachment results in a highly durable assembly
- Available from stock in 8 lengths ranging from 1 to 15 feet



These RG223/U cable assemblies offer both the shielding benefits of double shielding and the low loss advantages of a solid center conductor all in one high performance cable assembly. Terminated with industry standard crimp style Type N connectors and heat shrink strain reliefs for a durable assembly that will provide long service life and trouble free performance. We typically stock these popular coaxial assemblies in 8 standard lengths ready for immediate delivery.

Details for this Coaxial product

L-com Item #	CC223N-2
Manufacturer	L-com
UPC #	822335005181
RoHS Status	RoHS Compliant 



Item #	Description	NOMINAL ATTENUATION		
RG223/U 50 Ohm Impedance	<ul style="list-style-type: none"> Center Conductor: 19 AWG solid silver coated copper Shielding: (2) Silver coated copper braid (95% coverage) Insulation: Polyethylene Jacket: Black PVC Operating Temperature: -40°C - +60°C 	MHz	db/100 ft	db/100m
		50	2.8	9.2
		100	4.1	13.5
		200	6.0	23.9
		400	8.8	28.9
		1000	14.5	47.6

RG223/U - 50 Ohm Coaxial Cable with Two Inline Type N Plugs

CC223N-1	RG223 Cable, Type N Male / Male, 1.0 ft
CC223N-1.5	RG223 Cable, Type N Male / Male, 1.5 ft
CC223N-2	RG223 Cable, Type N Male / Male, 2.0 ft
CC223N-2.5	RG223 Cable, Type N Male / Male, 2.5 ft
CC223N-5	RG223 Cable, Type N Male / Male, 5.0 ft
CC223N-7.5	RG223 Cable, Type N Male / Male, 7.5 ft
CC223N-10	RG223 Cable, Type N Male / Male, 10.0 ft
CC223N-15	RG223 Cable, Type N Male / Male, 15.0 ft

Wireless Antenna Extension Cables - Reverse Polarized TNC and SMA Connectors

Handy cable assemblies with reverse polarized TNC and SMA male to female configurations allowing quick and easy extension of most wireless antennas to location best suited for optimal performance. Simply remove the antenna from the base unit and relocate using these extension cables to link the antenna to the base unit.



Item #	Description	NOMINAL ATTENUATION		
RG58C/U 50 Ohm Impedance	<ul style="list-style-type: none"> Center Conductor: 20 (19x33) AWG tinned copper Shielding: Tinned copper braid (95% coverage) Insulation: Polyethylene Jacket: Black PVC Operating Temperature: -40°C - +85°C 	MHz	db/100 ft	db/100m
		50	3.3	10.8
		100	4.9	16.1
		200	7.3	23.9
		400	11.0	36.1
		1000	20.0	65.6

Reverse Polarized TNC on RG58C/U - Wireless Antenna Extension Cables

CC58RP-5	RG58C Cable, Reverse Polarized TNC Male / Female, 5.0 ft
CC58RP-10	RG58C Cable, Reverse Polarized TNC Male / Female, 10.0 ft
CC58RP-15	RG58C Cable, Reverse Polarized TNC Male / Female, 15.0 ft
CC58RP-20	RG58C Cable, Reverse Polarized TNC Male / Female, 20.0 ft
CC58RP-25	RG58C Cable, Reverse Polarized TNC Male / Female, 25.0 ft



Item #	Description	NOMINAL ATTENUATION		
RG174/U 50 Ohm Impedance	<ul style="list-style-type: none"> Center Conductor: 26 (7x34) AWG bare copper covered steel Shielding: Tinned copper braid (90% coverage) Insulation: Polyethylene Jacket: Black PVC Operating Temperature: -40°C - +75°C 	MHz	db/100 ft	db/100m
		50	5.8	19.0
		100	8.4	27.6
		200	12.5	41.0
		400	19.0	62.3
		1000	34.0	111.5

Reverse Polarized SMA on RG174 - Wireless Antenna Extension Cables

CC174RP-5	RG174 Cable, Reverse Polarized SMA Male / Female, 5.0 ft
CC174RP-10	RG174 Cable, Reverse Polarized SMA Male / Female, 10.0 ft
CC174RP-15	RG174 Cable, Reverse Polarized SMA Male / Female, 15.0 ft
CC174RP-20	RG174 Cable, Reverse Polarized SMA Male / Female, 20.0 ft
CC174RP-25	RG174 Cable, Reverse Polarized SMA Male / Female, 25.0 ft

Item #	Description	Cable	Attachment
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Reverse Polarized Coaxial Connectors

These connectors are designed for attachment to RG174/188/316 or RG58 cables and are ideal for applications where building your own cable assembly is the best solution.

BAC500	TNC Plug, Reverse Polarized	RG58	Crimp
BAC501	TNC Jack, Reverse Polarized	RG58	Crimp
BAC502	SMA Plug, Reverse Polarized	RG174/188/316	Crimp
BAC503	SMA Jack, Bulkhead, Reverse Polarized	RG174/188/316	Crimp
BAC511	MMCX Plug, Rt. Angle, Reverse Polarized	RG174/188/316	Crimp
BAC512	SMA Jack, Reverse Polarized	RG174/188/316	Crimp



Tip *Identifying a reverse polarized connector*

A reverse polarized coaxial connector alters a standard connector interface by utilizing a male pin center conductor in a female threaded coupling mechanism and a female basket center conductor in a male threaded coupling nut mechanism. This prevents mating with a standard non-polarized connector. This type of connector is required by FCC part 15.203 rules for spread spectrum wireless devices. Common reverse polarized interfaces are RP-SMA and RP-TNC.

Male Threaded Coupling Nut Mechanism

Female Basket

Female Threaded Coupling Nut Mechanism

Male Pin Center Conductor