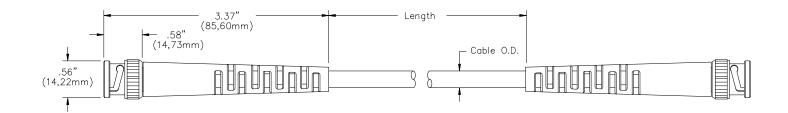


Model 2249 Cable Assembly with BNC (M) on Each End

CE



Features

- The molded strain relief is directly bonded to the cable jacket for superior strength and durability.
- PTFE insulation and nickel tarnish resistant outer shells used in the BNC connector provide long life and reliability.
- Gold-plated center contacts assure the most noise free connection possible.
- The connectors and cable are impedance matched.



Cable Designation & Type

2249-C: RG58C/U, 50 Ohm cable makes it ideal for most test and measurement applications, RF transmission systems and Thinnet LAN applications.

2249-E: RG59B/U, 75 Ohm cable assembly for use with broadcast, video, and other signal applications.

2249-K: RG174/U, smaller diameter 50 Ohm cable for greater flexibility in tight applications. It is best suited for

use in low power situations where small size and flexibility is important.

2249-Y: RG223/U, double-shielded 50 Ohm cable assembly for superior interference rejection.

Materials

BNC male: Body - Brass, Tarnish Resistant Nickel Plating

Center Contact - Brass, Gold Plated

Dielectric - PTFE

Strain Relief: PVC molded directly to cable and connectors

USA: Sales: 800-490-2361

Technical Support: technicalsupport@pomonatest.com

Fax: 425-446-5844

Europe: 31-(0) 40 2675 150 **International:** 425-446-5500

Where to Buy: www.pomonaelectronics.com

All dimensions are in inches. Tolerances (except noted): $.xx = \pm .02$ " (,51 mm), $.xxx = \pm .005$ " (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.



Model 2249 Cable Assembly with BNC (M) on Each End

CE

Ratings

Cable Designation	Туре	Impedance ohms	Capacitance per 1 foot / 0,304 meters	/100 Ft @	Insulation	AWG	Center Strands X AWG	Wire Type	Jacket Material	Cable OD	Shield	Temperature (w/o connectors) °C
С	RG58C/U	50	32.2 pf	0.44 dB	PE	20	19X33	TC	PVCNC	.195	TCB	-40 to +85
Е	RG59B/U	75	22.0 pf	0.60 dB	PE	23	Solid	BCCS	PVCNC	.242	BCB	-40 to +60
K	RG174/U	50	30.8 pf	1.90 dB	PE	26	7X34	BCCS	PVC	.110	TCB	-40 to +75
Υ	RG223/U	50	30.8 pf	0.35 dB	PE	19	Solid	SPC	PVCNC	.212	SCB / SCB	-40 to +60

AWG = American Wire Gauge

BCB = Bare Copper Braid

BCCS = Bare Copper Covered Steel

PE = Polyethylene

PVC = Polyvinyl Chloride

PVCNC = Polyvinyl Chloride Non-Contaminating

SCB = Silver Coated Braid

SPC = Silver Plated Copper

SSPE = Semi-Solid Polyethylene

TC = Tinned Copper

TCB = Tinned Copper Braid

Voltage: 500 Vrms max from center conductor to shield, and 30 Vac / 60 Vdc max from shield to earth in

controlled hands-free testing environments.

For CE compliance: not intended for hand-held use at voltages above 30 Vac / 60 Vdc.

Ordering Information

Model: 2249-type-length*

Cable type: C, E, K, Y (see table for details)

Ordering Example: 2249-C-72, type "C" cable with a

72" (182,9cm) length.

Length (inches)	Length Tolerance
6 to 24	+/50"
36 to 48	+/- 1.00"
*60+	+/- 2%

^{*}Additional lengths greater than 60" length are subject to a tolerance of +/- 2% of cable length.

Cable Length for "C" Type*:

6" (15,24cm), 12" (30,5cm), 24" (61,0cm), 36" (91,4cm), 48" (121,9cm), 60" (152,4cm), 72" (182,9cm), 96" (243,84cm), 120" (304,8cm), 144" (365,76cm), 180" (457,2cm), 240" (609,6cm), 300" (762cm), 360" (914,4cm), 600" (1524cm)

Cable Length for "E" Type*:

6" (15,24cm), 12" (30,5cm), 24" (61,0cm), 36" (91,4cm), 48" (121,9cm), 60" (152,4cm), 72" (182,9cm), 120" (304,8cm), 144" (365,76cm), 180" (457,2cm), 240" (609,6cm), 300" (762cm), 360" (914,4cm), 480" (1219cm), 600" (1524cm)

Cable Length for "K" Type*:

6" (15,24cm), 12" (30,5cm), 24" (61,0cm), 36" (91,4cm), 48" (121,9cm), 60" (152,4cm), 72" (182,9cm), 120" (304,8cm), 180" (457,2cm), 240" (609,6cm), 300" (762cm), 480" (1219cm)

Cable Length for "Y" Type*:

12" (30,5cm), 24" (61,0cm), 36" (91,4cm), 48" (121,9cm), 60" (152,4cm), 72" (182,9cm),120" (304,8cm), 144" (365,76cm), 180" (457,2cm), 240" (609,6cm)

* Additional lengths are available upon request.

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