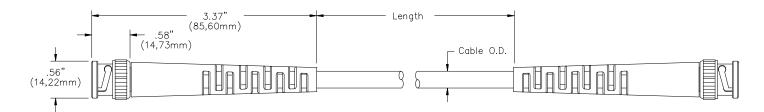


Model 2249 Cable Assembly with BNC Male on Each End



FEATURES:

- ✓ The molded strain relief is directly bonded to the cable jacket for superior strength and durability.
- ✓ Teflon 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.

RATINGS:

Cable Designation	Туре	Impedance ohms	Capacitance per 1 foot / 0,304 meters			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

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 Male on Each End

Voltage: 500 Vrms max from center conductor to shield and 33 Vac / 70 Vdc max from shield to earth in controlled hands free testing environments. *For CE compliance*: not intended for hand-held use at voltage above 33 Vrms / 70 Vdc.

MATERIALS:

BNC Male:

Body: Brass, Tarnish Resistant Nickel Plating

Dielectric: PTFE

Center Contact: Gold Plated Brass

Strain Relief:

PVC molded directly to cable and connectors

ORDERING INFORMATION: Model 2249-type-length*

Cable Type: C, E, K, Y. (see table for detail).

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),

Ordering Example: 2249-C-72 (type "C" cable with a 72" (182,9cm) length)

* Additional lengths are available upon request

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.