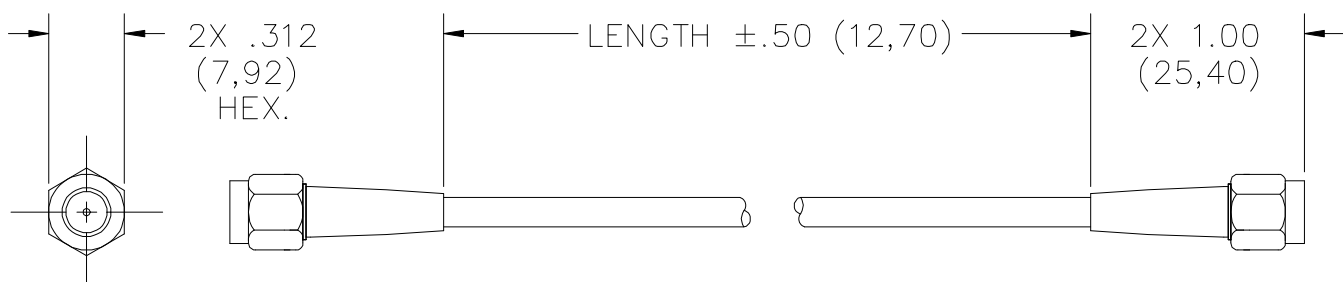


Pomona®

Model 4846 SMA (Male) Each End Cable Assembly



FEATURES:

- RG142B/U cable is Pomona's premium cable, double shielded, high temperature and 12.4 GHz rating.
- RG316/U is Pomona's mid performance cable. The cable is single shield, high temperature and 3.0 GHz rated.
- RG174/U is Pomona's most economically SMA cable assembly. Cable is a single shield with 1.0 GHz frequency rating.

MATERIAL/RATINGS:

SMA (Male) Connectors: Body/Fittings: Stainless Steel, Finish – Passivated Steel

Contacts: Brass, Gold Plated

Impedance: 50 Ohms

Cable	RG174/U	RG316/U	RG142B/U
Impedance (Nom.):	50 Ohms	50 Ohms	50 Ohms
Cap. PF/ft.	30.8	29.0	29.0
Loss (Max.):	.45 dB/ft. @ 1 GHz.	.56 dB/ft. @ 3 GHz.	.67 dB/ft. @ 12.4 GHz.
Temperature (Max.):	+85°C (+185°F)	+200°C (+392°F)	+200°C (+392°F)
Jacket:	Vinyl, Color: Black	FEP, Color: Tinted Brown	FEP, Color: Tinted Brown
Cable Marking:	POMONA 4846-K- Length	POMONA 4846-BB- Length	POMONA 4846-X- Length
Center Conductor:	26 AWG (7 x .34) bare copper	26 AWG (7 x .0067) silver coated copper covered steel	18 AWG solid silver coated copper covered steel

Ordering Information: 4846-Cable Code-Length in Inches

Cable Codes: K = RG174/U, BB = RG316/U, X = RG142B/U

Standard Lengths: 24" (61cm), 48" (122cm), 60" (152.4cm)

Additional lengths can be quoted upon request.

Ordering Example: 4846-X-24, Cable is RG142B/U, Length: 24" (61cm)

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ±.005" (.127 mm).

All specifications are to the latest revisions. Specifications are subject to change without notice.

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