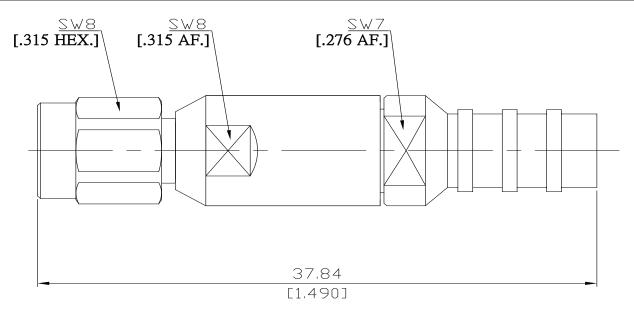


Technical Data Sheet

SMA Straight Cable Plug

SMA1K50-0420A/9XX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

MIL-C-39012; MIL-STD-348A/310

Electrical Data

Impedance Frequency VSWR (Return Loss)

Insertion Loss

50 Ω DC to 18 GHz ≤ 1.20 (≥ 20.83 dB) ≤ 0.05 x√F (GHz) dB

- Limitations are possible due to the used cable type and manufacturing process -

Mechanical Data

Coupling mechanisms
Centre contact
Cable entry

Screw-lock Soldered Solder Clamp

Environmental Data

Temperature range

-65°C to +165°C compliant

Material and Plating

Connector Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Stainless Steel	Passivated

Suitable Cables

ROSNOL EW0420, EW0420A, EW0420B

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our
knowledge, but they are intended for general informational purposes only.
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.

I KEV	Rosnol RF/Microwave Technology
	www.rosnol.com; info@rosnol.com
Date:	Phone: +886-3-463-5095
2018/07/09	Fax: +886-3-463-5952