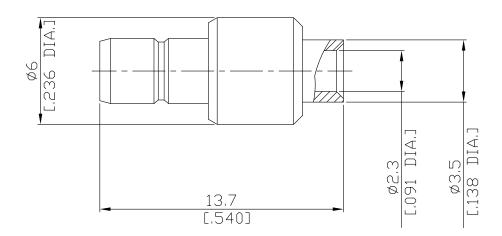


Technical Data Sheet

SMB Straight Cable Jack

SMB2E50-0085A/11



All dimensions are in mm [inch]

<u>Interface</u>

According to

IEC 60169-10; MIL-C-39012; MIL-STD-348A/311

Electrical Data

Impedance Frequency

VSWR (Return Loss)

Insertion Loss

50 Ω

DC to 12.4 GHz

 \leq 1.05 (\geq 32.3 dB), DC to 1 GHz \leq 1.07 (\geq 29.4 dB), 1 to 4 GHz

 $\leq 0.1 \times \sqrt{F (GHz)} dB$

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms

Centre contact Cable entry

Snap-lock

Soldered or Crimped

Soldered

Environmental Data

Temperature range **RoHS**

-65°C to +165°C compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	

Suitable Cables

RSR-086, RSF-086, RSF-086-FEP, RSF-086-PVC, RG-405, BELDEN 1671A, BELDEN 1671

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	Kev.:-	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date: 19/11/10	Phone:+886-3-463-5095 Fax:+886-3-463-5952	1/1