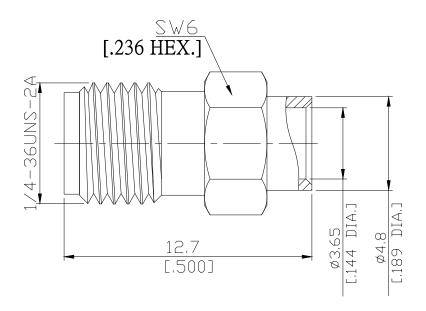


### Technical Data Sheet

# SMA Straight Cable Jack

## SMA2E50-0141A/9Q



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768- mH

#### Interface

According to

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

#### Electrical Data

Impedance Frequency

VSWR (Return Loss)
Insertion Loss

50 Ω

DC to 18 GHz  $\leq$  1.20 ( $\geq$  20.83 dB)  $\leq$  0.03 x  $\sqrt{F}$  (GHz) dB

- Digressions are possible due to the used cable type and manufacturing method -

#### Mechanical Data

Coupling mechanisms

Centre contact

Cable entry

Screw-lock

Soldered or Crimped

Soldered

#### Environmental Data

Temperature range

 $\mathsf{RoHS}$ 

-65°C to +165°C

compliant

### Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Gold plating(Nickel underplated)
Insulator	PTFE	

#### Suitable Cables

RSR-141, RSF-141, RSF-141-FEP, RSF-141-PVC, RG-402, BELDEN 1673A, BELDEN 1673J

#### Packing

Single or 100

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

Nev	Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com	Page
Date: 2020/08/21	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/1