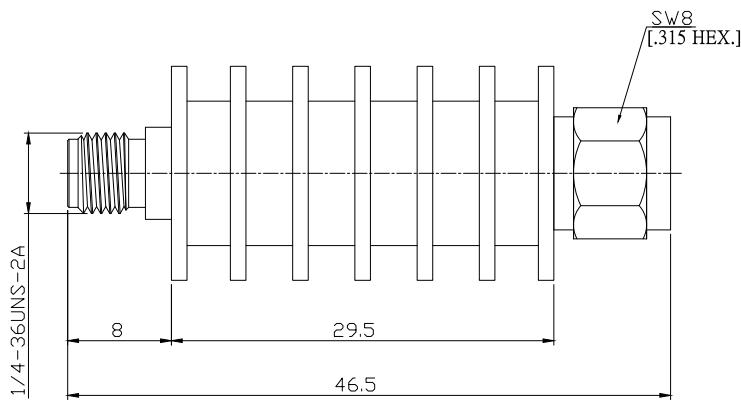


Fixed Attenuator SMA Male To SMA Female Up To 26.5 GHz Rated To 10 Watts
With Black Anodized Aluminum Heatsink Body

FA-PCA1PCA25A-26.5G10W30 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

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

Electrical Data

Impedance

50 Ω

Frequency Range

DC to 26.5 GHz

Input Power

10 Watts Avg. @ 25°C

| Frequency (GHz) | DC - 4 | 4 - 8 | 8 - 12.4 | 12.4-18 | 18-26.5 |
|--------------------------|--------|-------|----------|---------|---------|
| VSWR | 1.15 | 1.2 | 1.5 | 1.3 | 1.35 |
| Nominal Attenuation (dB) | 30 | | | | |
| Deviation (± dB) | 1 | 1 | 1 | 1.2 | 1.2 |

Material And Plating

| Piece Parts | Material | Plating |
|----------------|------------------|--|
| Centre Contact | Beryllium Copper | Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body | Stainless steel | Passivated |
| Insulator | PTFE | |
| Coupling Nut | Stainless steel | Passivated |
| Body | Aluminium | Black |
| Piece Parts | Material | Plating |
| Centre Contact | Beryllium Copper | Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch) |
| Body | Stainless steel | Passivated |
| Insulator | PTFE | |

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.

Rev.:-

Rosnol RF/Microwave Technology Co., Ltd.

www.rosnol.com; info@rosnol.com

Phone: +886-3-463-5095 / Fax: +886-3-463-5952

N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

Date:

12/7/2020

Fixed Attenuator SMA Male To SMA Female Up To 26.5 GHz Rated To 10 Watts
With Black Anodized Aluminum Heatsink Body

FA-PCA1PCA25A-26.5G10W30 / 9XX-9X

Mechanical Data

| | |
|-----------------------------------|--------------|
| Coupling mechanisms | Screw-lock |
| Mating Cycles | ≥ 500 |
| Coupling Nut Retention | ≥ 270 N |
| Center Contact Captivation: axial | ≥ 20 N |
| Coupling Test Torque | 1.70 Nm max. |
| Recommended Torque | 0.9 Nm |

Environmental Data

| | |
|---------------------|--------------------------------------|
| Temperature Range | -55°C to + 125°C |
| Thermal shock | MIL-STD-202, Method 107, Condition B |
| Corrosion | MIL-STD-202, Method 101, Condition B |
| Vibration | MIL-STD-202, Method 204, Condition D |
| Shock | MIL-STD-202, Method 213, Condition I |
| Moisture Resistance | MIL-STD-202, Method 106 |
| RoHS | compliant |

Packing

Single or 100