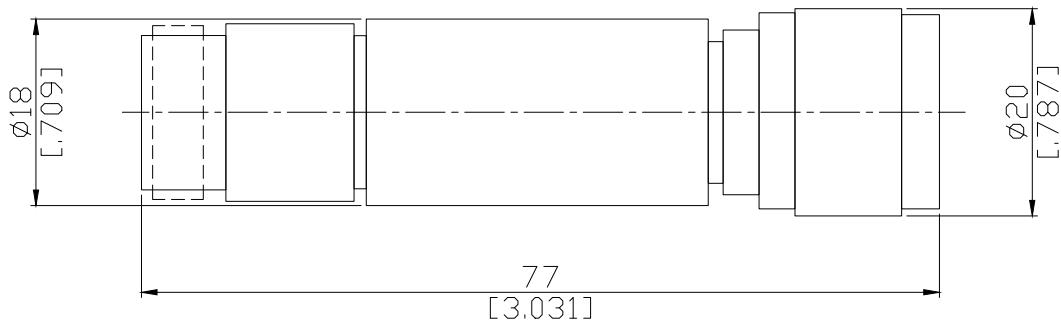




Fixed Attenuator Precision N Male To Precision N Female Up To 18 GHz Rated To 1 Watts

FA-PCN1PCN25A-18G1W6 / 9XX-9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-16; MIL-STD-348A/402; CECC 22210

Electrical Data

Impedance

50 Ω

Frequency

DC to 18 GHz

VSWR (Return Loss)

≤ 1.4 (\geq 15.6 dB)

Input Power

1 Watts

| | |
|--------------------------|-------|
| Frequency (GHz) | 18 |
| VSWR | 1.4 |
| Nominal Attenuation (dB) | 6 |
| Deviation (\pm dB) | -1/+1 |

Material And Plating

| Piece Parts | Material | Plating |
|----------------|------------------|--|
| Centre Contact | Beryllium Copper | Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch) |
| Body | Stainless Steel | Passivated |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling Nut | Stainless Steel | Passivated |
| Piece Parts | Material | Plating |
| Centre Contact | Beryllium Copper | Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch) |
| 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.:-

Date:
12/7/2020

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

| | |
|-----------------------------------|--------------|
| Coupling mechanisms | Screw-lock |
| Mating Cycles | ≥ 500 |
| Coupling Nut Retention | ≥ 450 N |
| Center Contact Captivation: axial | ≥ 28 N |
| Coupling Test Torque | 1.70 Nm max. |

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 B |
| Shock | MIL-STD-202, Method 213, Condition I |
| Moisture Resistance | MIL-STD-202, Method 106 |
| RoHS | compliant |

Packing

Single or 100