

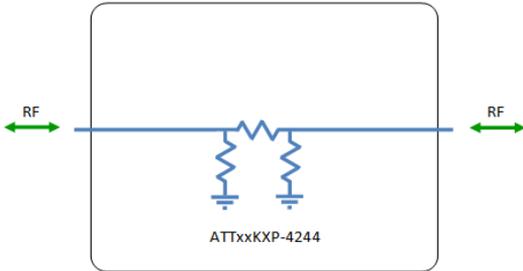


Wideband Attenuator

DC - 40 GHz

Available with:

- 1, 3, 5, 6, 10, 20 & 30dB Attenuation
- Available with male/female RF connector options:
- 50 Ω K-type 2.92mm



DC-40 GHz
Operating frequency range. Ka Band

Compact
Housed in rugged compact enclosure



Attenuator

| RF Parameters | | | | | | | | |
|-------------------------|------|-------------------|--------|--------|--------|--------|---------------|----------------|
| ATTxxKXP-4244-XXXX | | K5K4 | | | | | | |
| Frequency Range | | DC - 40 GHz | | | | | | |
| RF Connectors | | 50Ω K-type 2.92mm | | | | | | |
| Attenuation (dB) | | 1 | 3 | 5 | 6 | 10 | 20 | 30 |
| Accuracy (dB) | | ± 1 dB | ± 1 dB | ± 1 dB | ± 1 dB | ± 1 dB | -1.0/ +1.5 dB | -1/0 / +1.5 dB |
| Input Return Loss (dB) | Typ. | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | Min | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Output Return Loss (dB) | Typ. | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| | Min | 16 | 16 | 16 | 16 | 16 | 16 | 16 |

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





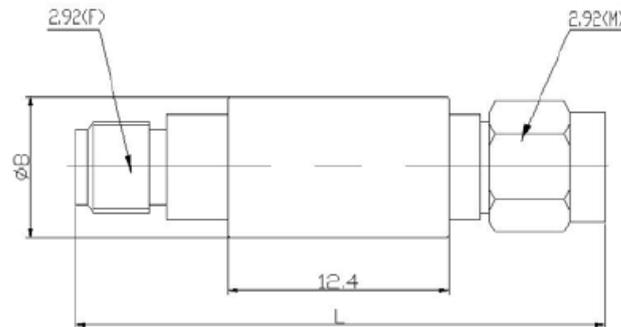
Technical specifications and operating parameters

| Environmental | |
|-----------------------|--------------------|
| Operating Temperature | -55° C to +125° C |
| Storage Temperature | -55° C to +125° C |
| Location | Indoor use Only |
| Humidity | 85% non-condensing |
| Altitude | 10,000 feet |

| Max Operating Parameters | |
|--------------------------|--------------------|
| Input RF Power | +33 dBm (2W) Avg |
| DC Voltage | 35V on any RF port |

! Operation beyond these limits may cause instantaneous and permanent damage.

Physical Dimensions (mm)



| Mechanical Specifications | | |
|---------------------------|--------------------------------------|---|
| Connectors | Brass Gold Plated or Stainless Steel | |
| Male Pin | Brass Gold Plated | |
| Female Pin | Beryllium Copper Gold Plated | |
| Housing | Aluminium | |
| Dimensions | Ø8 x L mm | ≤ 20 dB L31.4mm ≥ 30 dB L33 mm 40dB L=47.6 mm |
| Weight | ~ 5g | |

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

