

Equalizer Negative Slope

Models: EQ2400-XX

**6 - 18 GHz
Fixed**

Specifications

Electrical

Frequency Range: 6 - 18 GHz

Available Delta Slopes: 3 to 25 dB

(Delta slope is relative to loss at 18 GHz)

Maximum Insertion Loss at 2 GHz:

- 3 - 6 dB: 1.75 dB
- 7 - 9 dB: 2.5 dB
- 10 - 14 dB: 3.0 dB
- 15 - 20 dB: 4.0 dB
- 21 - 25 dB: 6.0 dB

Linearity: (Deviation from nominal delta slope) :

- 3 - 6 dB: ±0.75 dB
- 7 - 9 dB: ±1.0 dB
- 10 - 14 dB: ±10%
- 15 - 20 dB: ±4.0 dB
- 21 - 25 dB: ±4.0 dB
- VCWR: Input/Output 1.80:1 Max.
- Power: Input/Output 1 Watt @ +25°C Max.
(Derated linearly to .5 watts@ +125°C)

Mechanical

Housing: Passivated Stainless Steel

SMA Connectors: Passivated Stainless Steel
Mates with MIL-STD-348

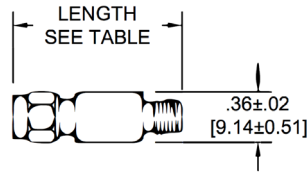
Conductors: Gold Plated Beryllium Copper

Temperature Range:

- Operating: -54°C to +125°C
- Non-Operating: -65°C to +125°C

Model Number: EQ2400-XX

SMA Connectors

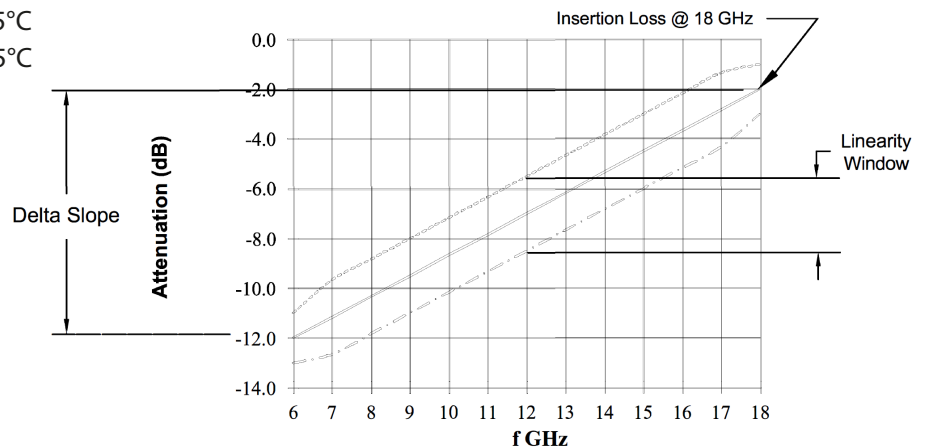


Units Are Bidirectional
Units Are RoHs Compliant

| Connector Configuration | Overall Length Weight | |
|-------------------------|------------------------------|------------------------------|
| | 3 - 17 dB | 18 - 25 dB |
| Male/Female | 1.205 ±.05 15 Grams Max. | 1.575 ±.05 18 Grams Max. |
| Male/Male | 1.330 ±.05 16 Grams Max. | 1.705 ±.05 20 Grams Max. |
| Female/Female | 1.060 ±.025 13 Grams Max. | 1.445 ±.025 17 Grams Max. |

Epoxy Sealed Connectors Available
Type N and TNC Connectors Available

Typical Specifications for an EQ2400-10



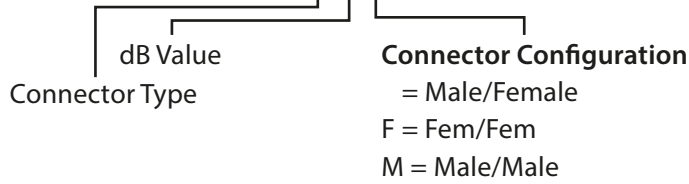
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How to Order:

Model Number: EQ2400Z-XXY



Ordering Examples:

Model Number: EQ2400-03

3 dB; SMA - Male/Fem

Model Number: EQ2400N-18F

18 dB; Type N - Fem/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.