

EQUALIZER NEGATIVE SLOPE

2.0 - 8.0 GHz FIXED



MODELS: EQ1102-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ 2 - 8 GHz

Available Delta Slopes _____ 3 to 15dB
(Delta slope is relative to loss at 8 GHz)

Maximum Insertion Loss at 8 GHz:

3 - 4 dB _____ 0.75 dB \pm 0.60 dB

5 - 6 dB _____ 0.75 dB \pm 0.75 dB

7 - 10 dB _____ 1.0 dB \pm 1.0 dB

11 - 15 dB _____ 1.0 dB +1.5 dB -1.0 dB

Linearity: (Deviation from nominal delta slope)

3 - 4 dB _____ \pm 0.60 dB

5 - 6 dB _____ \pm 0.75 dB

7 - 10 dB _____ \pm 1.0 dB

11 - 15 dB _____ \pm 1.5 dB

VSWR: Input/Output _____ 1.80:1 Max.

Power: Input/Output _____ 2 Watt @ +25°C Max.

Derated linearly to 1 watt @ +90°C

Mechanical:

Housing _____ Passivated Stainless Steel

SMA Connectors _____ Passivated Stainless Steel

Mates with MIL-STD-348

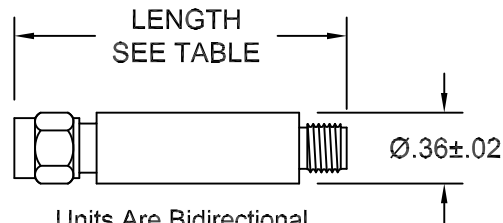
Conductors _____ Gold Plated Beryllium Copper

Temperature Range:

Operating _____ -50°C to +90°C

Non-Operating _____ -55°C to +100°C

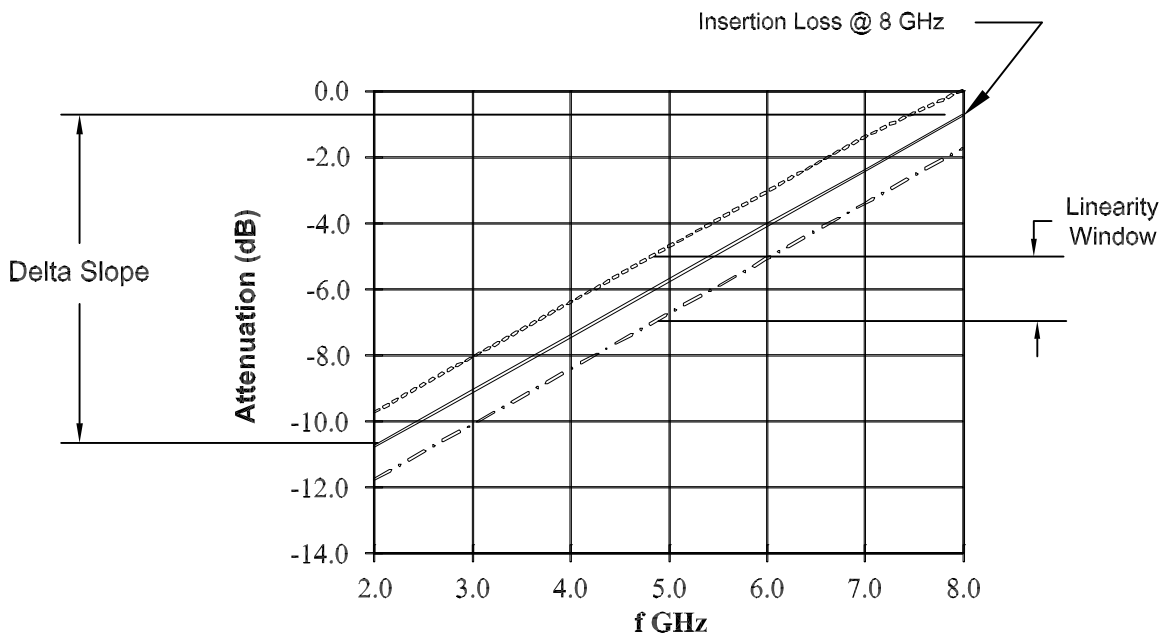
EQ1102-XX SMA CONNECTORS



Units Are Bidirectional
Units Are RoHS Compliant

Connector Configuration	OVERALL LENGTH WEIGHT
Male/Female	1.69 \pm .05 20 Grams Max.
Male/Male	1.81 \pm .05 20 Grams Max.
Female/Female	1.56 \pm .05 20 Grams Max.

Epoxy Sealed Connectors Available



Typical Specifications for an EQ1102-10

HOW TO ORDER:

Model Number: EQ1102-XXY

dB Value Connector Configuration
= Male/Female
F = Fem/Fem
M = Male/Male

Ordering Examples:

Model Number: EQ1102-03
3 dB; SMA - Male/Fem

Model Number: EQ1102-15F
15 dB; SMA - 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.