

EQUALIZER NEGATIVE SLOPE

**4.0 - 8.0 GHz
FIXED**



MODELS: EQ1103-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ 4 - 8 GHz
 Available Delta Slopes _____ 3 to 10dB
 (Delta slope is relative to loss at 8 GHz)

Maximum Insertion Loss at 8 GHz:

3 - 4 dB _____ 0.75 dB ±0.60 dB
 5 - 6 dB _____ 0.75 dB ±0.75 dB
 7 - 10 dB _____ 1.0 dB ±1.0 dB

Linearity: (Deviation from nominal delta slope)

3 - 4 dB _____ ±0.60 dB
 5 - 6 dB _____ ±0.75 dB
 7 - 10 dB _____ ±1.0 dB

VSWR: Input/Output _____ 1.80:1 Max.

Power: Input/Output _____ 2 Watts @+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

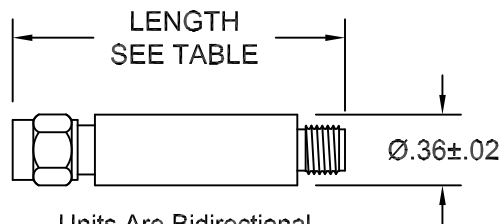
Conductors _____ Gold Plated Beryllium Copper

Temperature Range:

Operating _____ -50°C to +90°C

Non-Operating _____ -55°C to +100°C

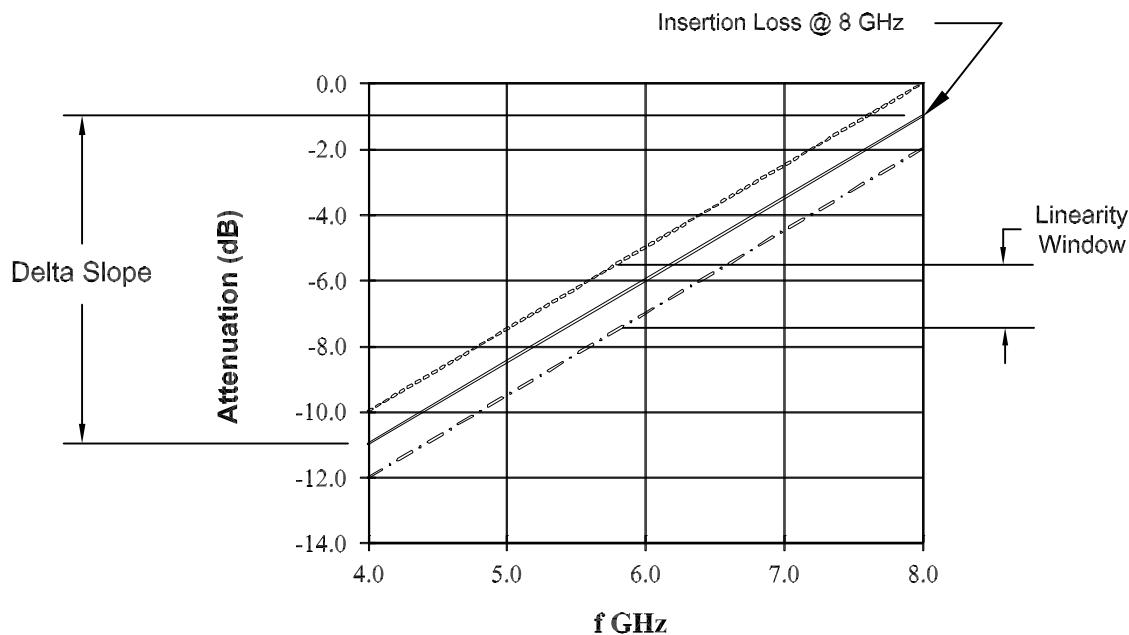
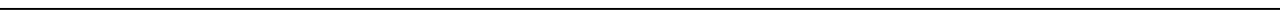
EQ1103-XX SMA CONNECTORS



Units Are Bidirectional
 Units Are RoHs Compliant

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

Epoxy Sealed Connectors Available



Typical Specifications for an EQ1102-10

HOW TO ORDER:

Model Number: EQ1103-XXY

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

Ordering Examples:

Model Number: EQ1103-03
 3 dB; SMA - Male/Fem

Model Number: EQ1103-10F
 10 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.

EQ1103-XX; REV C

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