

EQUALIZER NEGATIVE SLOPE

.5 - 4.0 GHz FIXED



MODELS: EQ1101-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ .5 - 4 GHz
 Available Delta Slopes _____ 3 to 15 dB
 (Delta slope is relative to loss at 4 GHz)

Maximum Insertion Loss at 4 GHz:

3 - 4 dB _____ 0.50 dB ±0.50 dB
 5 - 6 dB _____ 0.50 dB +0.75 dB -0.50 dB
 7 - 10 dB _____ 0.75 dB +1.0 dB -0.75 dB
 11 - 15 dB _____ 1.0 dB +1.5 dB -1.0 dB

Linearity: (Deviation from nominal delta slope)

3 - 4 dB _____ ±0.50 dB
 5 - 6 dB _____ ±0.75 dB
 7 - 10 dB _____ ±1.0 dB
 11 - 15 dB _____ ±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

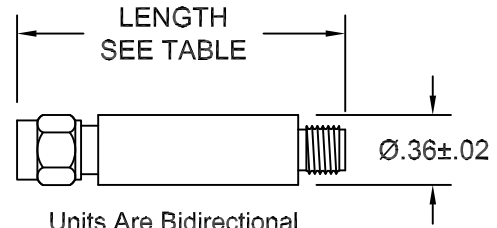
Conductors _____ Gold Plated Beryllium Copper

Temperature Range:

Operating _____ -50°C to +90°C

Non-Operating _____ -55°C to +100°C

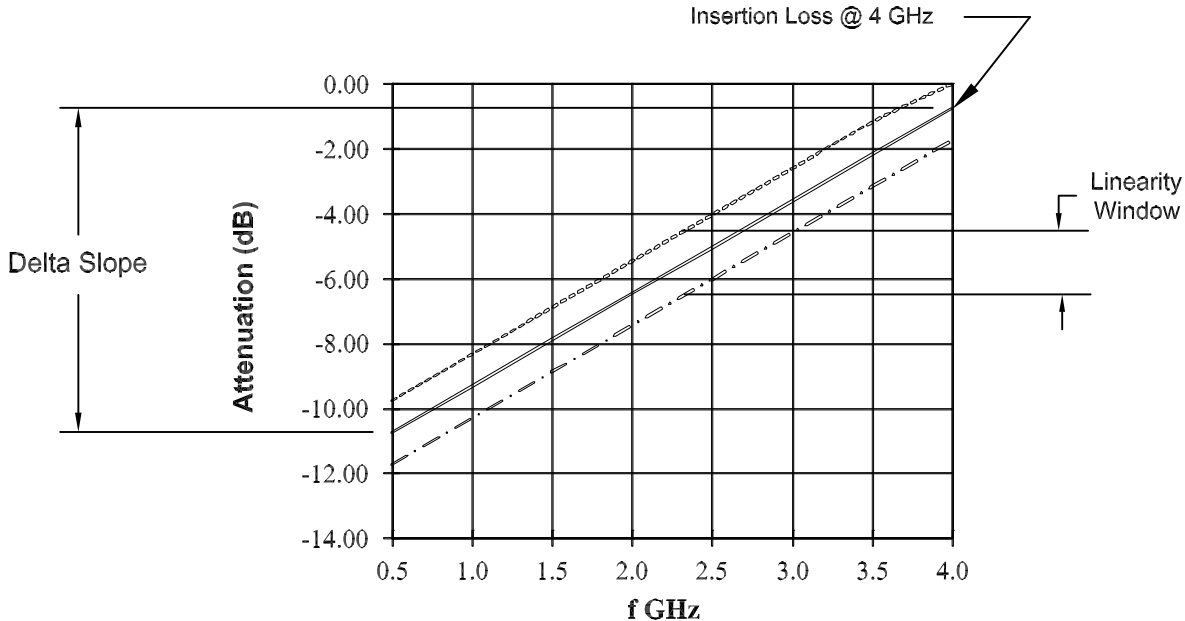
EQ1101-XX
SMA CONNECTORS



Units Are Bidirectional
Units Are RoHs Compliant

Connector Configuration	OVERALL LENGTH WEIGHT	
	3 - 7 dB	8 - 15 dB
Male/Female	1.69 ±.05 20 Grams Max.	2.28 ±.05 25 Grams Max.
Male/Male	1.81 ±.05 20 Grams Max.	2.405 ±.05 30 Grams Max.
Female/Female	1.56 ±.05 20 Grams Max.	2.15 ±.05 25 Grams Max.

Epoxy Sealed Connectors Available



Typical Specifications for an EQ1101-10

HOW TO ORDER:

Model Number: EQ1101-XXY

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

Ordering Examples:

Model Number: EQ1101-03
3 dB; SMA - Male/Fem

Model Number: EQ1101-15F
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.

EQ1101-XX; REV C