

EQUALIZER POSITIVE SLOPE

2 - 18 GHz FIXED



MODELS: EQ2402-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ 2 - 18 GHz

Available Delta Slopes _____ 3 to 45 dB

(Delta slope is relative to loss at 2 GHz)

Maximum Insertion Loss at 2 GHz:

3 - 8 dB _____ 0.5dB ±0.5dB

9 - 12 dB _____ 0.75dB ±0.5dB

13 - 17dB _____ 1.5dB ±0.5dB

18 - 22dB _____ 2.0dB ±1.0dB

23 - 29dB _____ 2.5dB ±1.0dB

30 - 35dB _____ 3.0dB ±1.0dB

36 - 45dB _____ 4.0dB ±1.0dB

Linearity: (Deviation from nominal delta slope)

3 - 6dB _____ ±0.5dB

7 - 45dB _____ ±10%

VSWR: Input/Output _____ 1.80:1 Max.

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

Derated linearly to 1 watt @ +125°C

Mechanical:

Housing _____ Passivated Stainless Steel

SMA Connectors _____ Passivated Stainless Steel

Mates with MIL-STD-348

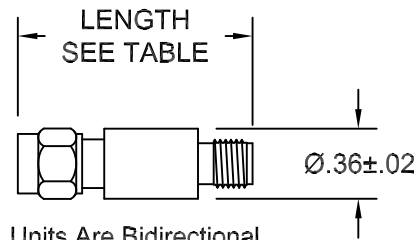
Conductors _____ Gold Plated Beryllium Copper

Temperature Range:

Operating _____ -55°C to +125°C

Non-Operating _____ -65°C to +125°C

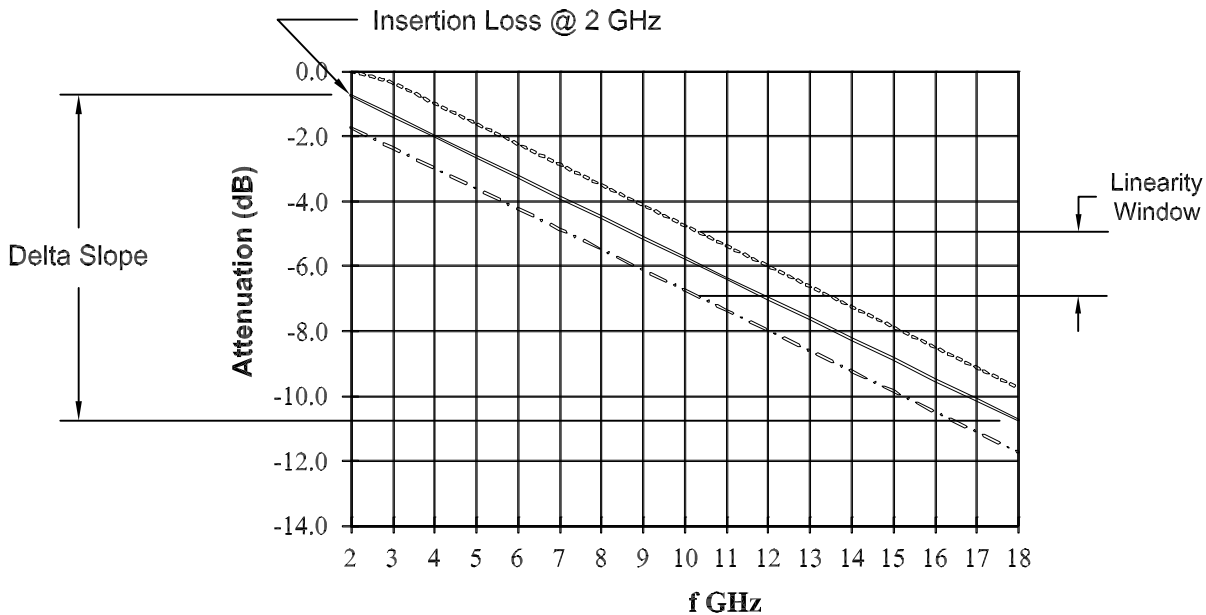
EQ2402-XX
SMA CONNECTORS



Units Are Bidirectional
Units Are RoHs Compliant

Connector Configuration	OVERALL LENGTH WEIGHT	
	3 - 17 dB	18 - 45 dB
Male/Female	1.205 ±.05 15 Grams Max.	1.690 ±.025 18 Grams Max.
Male/Male	1.330 ±.05 15 Grams Max.	1.820 ±.030 20 Grams Max.
Female/Female	1.060 ±.025 15 Grams Max.	1.560 ±.015 18 Grams Max.

Epoxy Sealed Connectors Available



Typical Specifications for an EQ2402-10

HOW TO ORDER:

Model Number: EQ2402-XXY

dB Value

Connector Configuration

= Male/Female

F = Fem/Fem

M = Male/Male

Ordering Examples:

Model Number: EQ2402-03
3 dB; SMA - Male/Fem

Model Number: EQ2402-18F
18 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.

EQ2402; REV E