

EQUALIZER NEGATIVE SLOPE

8 - 18 GHz FIXED



MODELS: EQ2401-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ 8 - 18 GHz

Available Delta Slopes _____ 2 - 20 dB
(Delta slope is relative to loss at 18 GHz)

Maximum Insertion Loss at 18 GHz:

2 - 4 dB _____	1.5 dB
5 - 6 dB _____	2.0 dB
7 - 9 dB _____	2.5 dB
10 - 12 dB _____	4.0 dB
13 - 15 dB _____	5.0 dB
16 - 20 dB _____	6.0 dB

Linearity: (Deviation from nominal delta slope)

2 - 4 dB _____	±0.5 dB
5 - 6 dB _____	±0.75 dB
7 - 9 dB _____	±1.0 dB
10 - 12 dB _____	±1.5 dB
13 - 15 dB _____	±2.5 dB
16 - 20 dB _____	±3.5 dB

VSWR: 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

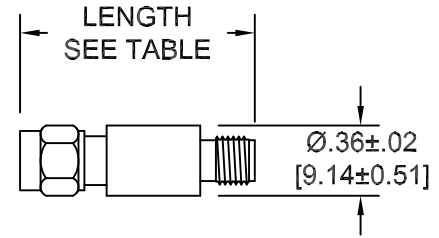
Conductors _____ Gold Plated Beryllium Copper

Temperature Range:

Operating _____ -54°C to +125°C

Non-Operating _____ -65°C to +125°C

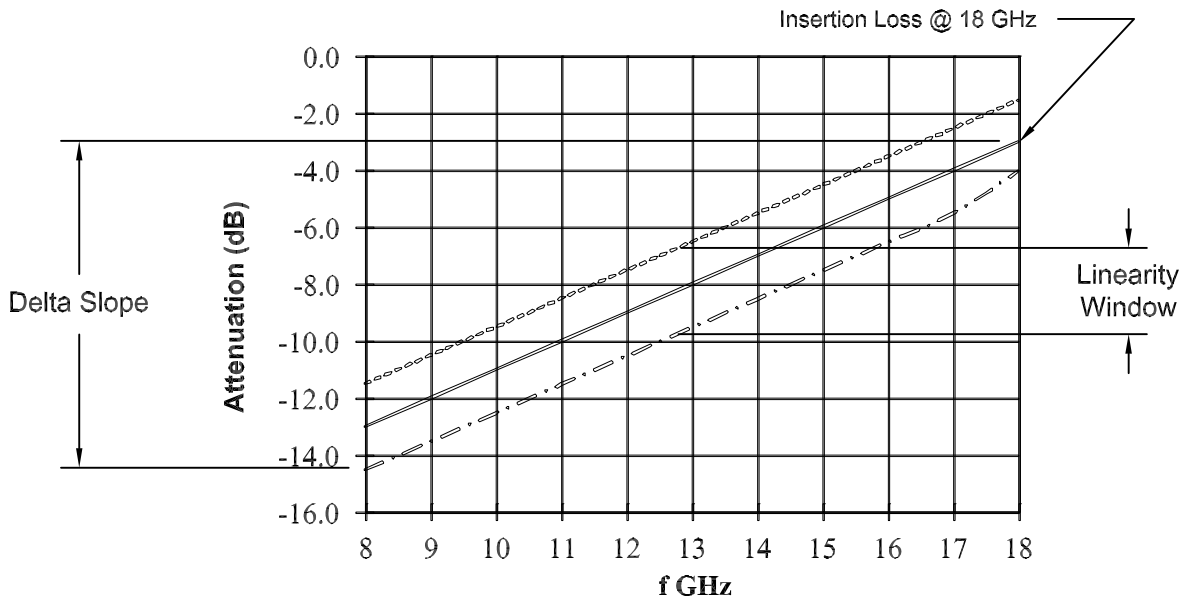
EQ2401-XX
SMA CONNECTORS



Units Are Bidirectional
Units Are RoHs Compliant

Connector Configuration	OVERALL LENGTH WEIGHT	
	2 - 15 dB	16 - 20 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 ±.25 13 Grams Max.	1.445 ±.25 17 Grams Max.

Epoxy Sealed Connectors Available
Type N and TNC Connectors Available



HOW TO ORDER:

Model Number: EQ2401Z-XXY

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

Ordering Examples:

Model Number: EQ2401-03
3 dB; SMA - Male/Fem

Model Number: EQ2401N-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.