

EQUALIZER NEGATIVE SLOPE

**.5 - 4.0 GHz
FIXED**



MODELS: EQ1101-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ .5 - 4 GHz
 Response Shape _____ Negative Slope
 Insertion Loss at 4 GHz:
 3 - 4 dB _____ 0.50 dB $\pm$ 0.50 dB
 5 - 6 dB _____ 0.50 dB $\pm$ 0.75 dB -0.50 dB
 7 - 10 dB _____ 0.75 dB $\pm$ 1.0 dB -0.75 dB
 11 - 15 dB _____ 1.0 dB $\pm$ 1.5 dB -1.0 dB
 Amplitude at .5 GHz _____ 3 to 15 dB
 (Relative to loss at 4 GHz)

Linearity:

3 - 4 dB _____ $\pm$ 0.50 dB
 5 - 6 dB _____ $\pm$ 0.75 dB
 7 - 10 dB _____ $\pm$ 1.0 dB
 11 - 15 dB _____ $\pm$ 1.5 dB

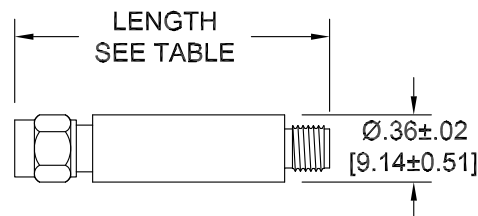
VSWR:

Input/Output _____ 1.80:1 Max.

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

Model Number: EQ1101-XX
 SMA CONNECTORS



Connector Configuration	OVERALL LENGTH	
	3 - 7 dB	8 - 15 dB
Male/Female	1.69 $\pm$.05 [42.93 $\pm$ 1.27]	2.28 $\pm$.05 [57.91 $\pm$ 1.27]
Male/Male	1.81 $\pm$.05 [45.97 $\pm$ 1.27]	2.40 $\pm$.05 [60.96 $\pm$ 1.27]
Female/Female	1.56 $\pm$.05 [39.62 $\pm$ 1.27]	2.15 $\pm$.05 [54.61 $\pm$ 1.27]

See Website for Typical Performance Graphs and Application Notes

For Epoxy sealed Connector add -440 to Model Number

HOW TO ORDER:

Model Number: EQ1101-XXY-**ZZZ**

dB Value ————
 Connector Configuration
 = Male/Female
 F = Fem/Fem
 M = Male/Male
 440 = Epoxy Sealed Connectors.

Ordering Examples:

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

Model Number: EQ1101-15F
 15 dB; SMA - Fem/Fem

Model Number: EQ1101-06-440
 6dB; SMA - Male/Fem; Epoxy Sealed

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.