

EQUALIZER NEGATIVE SLOPE

**.5 - 2.0 GHz
FIXED**



MODELS: EQ1100-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ .5 - 2 GHz
 Response Shape _____ Negative Slope
 Insertion Loss @ 2 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 @ .5 GHz _____ 3 to 15 dB
 (Relative to loss at 2 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.

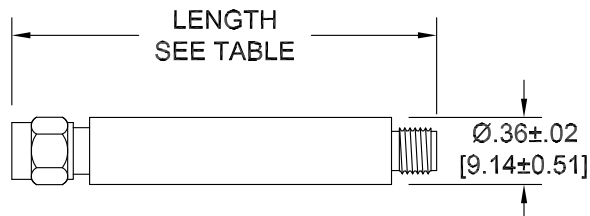
Mechanical:

Housing _____ Passivated Stainless Steel
 SMA Connectors _____ Passivated Stainless Steel
 Notes with MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper
 Temperature Range:
 Operating _____ -50°C to +90°C
 Non-Operating _____ -55°C to +100°C

For Epoxy sealed Connector add -440 to Model Number

Model Number: EQ1100-XX

SMA CONNECTORS



Connector Configuration	OVERALL LENGTH	
	3 - 10 dB	11 - 15 dB
Male/Female	2.28 $\pm$.05 [57.91 $\pm$ 1.27]	3.18 $\pm$.05 [80.77 $\pm$ 1.27]
Male/Male	2.40 $\pm$.05 [61.06 $\pm$ 1.27]	3.31 $\pm$.05 [84.07 $\pm$ 1.27]
Female/Female	2.15 $\pm$.05 [54.61 $\pm$ 1.27]	3.05 $\pm$.05 [77.47 $\pm$ 1.27]

See Website for Typical Performance Graphs and Application Notes

HOW TO ORDER:

Model Number: EQ1100-XXY-**ZZZ**

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

Ordering Examples:

Model Number: EQ1100-03
 3 dB; SMA - Male/Fem

Model Number: EQ1100-15F
 15 dB; SMA - Fem/Fem

Model Number: EQ1100-06-440
 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.

EQ1100-XX; REV B

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