

EQUALIZER NEGATIVE SLOPE

**4.0 - 8.0 GHz
FIXED**



MODELS: EQ1103-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ 4 - 8 GHz
Response Shape _____ Negative Slope
Insertion Loss at 8 GHz:
3 - 4 dB _____ 0.75 dB $\pm$ 0.60 dB
5 - 6 dB _____ 0.75 dB $\pm$ 0.75 dB
7 - 10 dB _____ 1.0 dB $\pm$ 1.0 dB
Amplitude at 4.0 GHz _____ 3 to 10 dB
(Relative to loss at 8 GHz)

Linearity:

3 - 4 dB _____ $\pm$ 0.60 dB
5 - 6 dB _____ $\pm$ 0.75 dB
7 - 10 dB _____ $\pm$ 1.0 dB

VSWR:

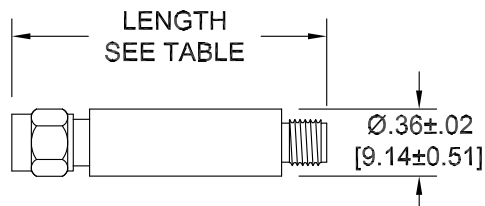
Input/Output _____ 1.80:1 Max.

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: EQ1103-XX

SMA CONNECTORS



Connector Configuration	OVERALL LENGTH
Male/Female	1.69 $\pm$ 0.05 [42.93 $\pm$ 1.27]
Male/Male	1.81 $\pm$ 0.05 [45.97 $\pm$ 1.27]
Female/Female	1.56 $\pm$ 0.05 [39.62 $\pm$ 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: EQ1103-XXY-**ZZZ**

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

Ordering Examples:

Model Number: EQ1103-03
3 dB; SMA - Male/Fem

Model Number: EQ1103-10F
10 dB; SMA - Fem/Fem

Model Number: EQ1103-06-440
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.

EQ1103-XX; REV B

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