

EQUALIZER

Positive Slope, 2-18 GHz, Fixed

SPECIFICATIONS:

Models: EQ2402-XX, EQ2402-XXM, EQ2402-XXF

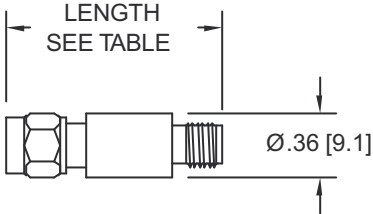
Electrical:	
Frequency Range _____	2 - 18 GHz
Response Shape _____	Positive Slope
Insertion Loss at 2 GHz:	
3 - 8 dB _____	0.5dB ±0.5dB
9 - 12 dB _____	0.75dB ±0.5dB
13 - 17dB _____	1.5dB ±0.5dB
18 - 22dB _____	2.0dB ±1.0dB
23 - 29dB _____	2.5dB ±1.0dB
30 - 35dB _____	3.0dB ±1.0dB
36 - 45dB _____	4.0dB ±1.0dB
Amplitude at 18 GHz _____	3 to 45dB (Relative to loss at 2 GHz)
Linearity:	
3 - 6dB _____	±0.5dB
7 - 45dB _____	±10%
VSWR:	
Input/Output _____	1.80:1 Max.
Mechanical:	
Housing _____	Passivated Stainless Steel
SMA Connectors _____	Passivated Stainless Steel
Mates with MILSTD-348	
Conductors _____	Gold Plated Beryllium Copper
Temperature Range:	
Operating _____	-55°C to +125°C
Non-Operating _____	-65°C to +125°C



See Website for Typical Performance Graphs and Application Notes

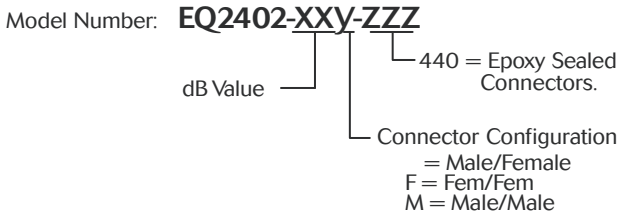
For Epoxy sealed Connector add -440 to Model Number

Model Number: **EQ2402-XX**
SMA CONNECTORS



Connector Configuration	OVERALL LENGTH	
	3 - 17 dB	18 - 45 dB
Male/Female	1.205 ±.025 [30.61 ±0.64]	1.690 ±.025 [42.93 ±0.64]
Male/Male	1.330 ±.030 [33.78 ±0.76]	1.820 ±.030 [46.23 ±0.76]
Female/Female	1.060 ±.015 [26.92 ±0.38]	1.560 ±.015 [39.62 ±0.38]

HOW TO ORDER:



Ordering Examples:

- Model Number: **EQ2402-03**
3 dB; SMA - Male/Fem
- Model Number: **EQ2402-18F**
18 dB; SMA - Fem/Fem
- Model Number: **EQ2402-06-440**
6 dB; SMA - Male/Fem; Epoxy Sealed S/A

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 and/or use.

EQ2402: REV B



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