

EQUALIZER

Positive Slope, 2-18 GHz, Fixed

SPECIFICATIONS:

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

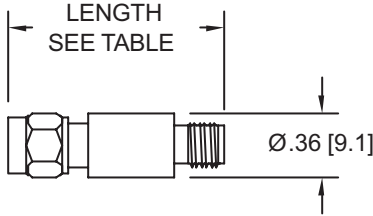
Electrical:	
Frequency Range	_____ 2 - 18 GHz
Response Shape	_____ Positive Slope
Insertion Loss at 2 GHz:	
3 - 8 dB	_____ 0.5dB ±0.5dB Max.
9 - 12 dB	_____ 0.75dB ±0.5dB Max.
13 - 17dB	_____ 1.5dB ±0.5dB Max.
18 - 22dB	_____ 2.0dB ±1.0dB Max.
23 - 29dB	_____ 2.5dB ±1.0dB Max.
30 - 35dB	_____ 3.0dB ±1.0dB Max.
36 - 45dB	_____ 4.0dB ±1.0dB Max.
Amplitude at 18 GHz	_____ 3 to 45dB (Relative to loss at 2 GHz)
Linearity:	
3 - 6dB	_____ ±0.5dB Max.
7 - 45dB	_____ ±10%
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	_____ -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:

Model Number: **EQ2402-XXY-ZZZ**

dB Value ————

440 = Epoxy Sealed Connectors.

Connector Configuration
= Male/Female
F = Fem/Fem
M = Male/Male

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 A



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