

EQUALIZER

Negative Slope, 6-18 GHz, Fixed

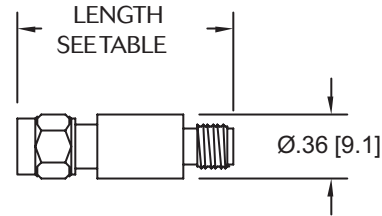
SPECIFICATIONS:

Models: EQ2400-XX, EQ2400-XXM, EQ2400-XXF

Electrical:	
Frequency Range	6 - 18 GHz
Response Shape	Negative Slope
Insertion Loss at 18 GHz:	
3 - 6 dB	1.75 dB Max.
7 - 9 dB	2.5 dB Max.
10 - 14 dB	3.0 dB Max.
15 - 20 dB	4.0 dB Max.
21 - 25 dB	6.0 dB Max.
Amplitude at 2 GHz	3 to 25 dB
Linearity: (Relative to loss at 18 GHz)	
3 - 6 dB	±0.75 dB Max.
7 - 9 dB	±1.0 dB Max.
10 - 14 dB	±1.5 dB Max.
15 - 20 dB	±3.0 dB Max.
21 - 25 dB	±4.0 dB Max.
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	-54°C to +125°C
Non-Operating	-65°C to +125°C



Model Number: **EQ2400-XX**
SMA CONNECTORS

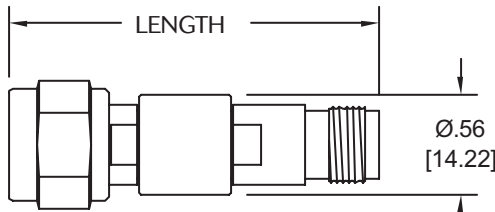


Connector Configuration	OVERALL LENGTH	
	3 - 17 dB	18 - 25 dB
Male/Female	1.205 ± 0.025 [30.61 ± 0.64]	1.575 ± 0.025 [40.01 ± 0.64]
Male/Male	1.330 ± 0.030 [33.78 ± 0.76]	1.705 ± 0.030 [43.31 ± 0.76]
Female/Female	1.060 ± 0.015 [26.92 ± 0.38]	1.445 ± 0.015 [36.70 ± 0.38]

See Website for Typical Performance Graphs and Application Notes

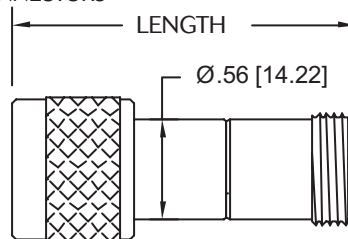
For Epoxy sealed Connector add -440 to Model Number

Model Number: **EQ2400T-XX**
TNC CONNECTORS



Connector Configuration	OVERALL LENGTH	
	3 - 17 dB	18 - 25 dB
Male/Female	2.07 ± 0.03 [52.58 ± 0.76]	2.44 ± 0.03 [61.98 ± 0.76]
Male/Male	1.96 ± 0.03 [49.78 ± 0.76]	2.34 ± 0.03 [59.44 ± 0.76]
Female/Female	2.16 ± 0.03 [54.86 ± 0.76]	2.54 ± 0.03 [64.52 ± 0.76]

Model Number: **EQ2400N-XX**
TYPE N CONNECTORS



Connector Configuration	OVERALL LENGTH	
	3 - 17 dB	18 - 25 dB
Male/Female	1.90 ± 0.03 [48.26 ± 0.76]	2.28 ± 0.03 [57.91 ± 0.76]
Male/Male	1.82 ± 0.03 [46.23 ± 0.76]	2.20 ± 0.03 [55.88 ± 0.76]
Female/Female	1.99 ± 0.03 [50.55 ± 0.76]	2.37 ± 0.03 [52.58 ± 0.76]

HOW TO ORDER:

Model Number: **EQ2400Z-XXY-ZZZ**

Connector Type
= SMA
N = Type N
T = TNC

dB Value

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

Ordering Examples:

Model Number: **EQ2400-03**
3 dB; SMA - Male/Fem

Model Number: **EQ2400N-18F**
18 dB; Type N - Fem/Fem

Model Number: **EQ2400-06**
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 or use.

EQ2400: REV A



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