

EQUALIZER NEGATIVE SLOPE

8 - 18 GHz FIXED



MODELS: EQ2401-XX, EQ2401-XXM, EQ2401-XXF

SPECIFICATIONS:

Electrical:

Frequency Range _____ 8 - 18 GHz
 Response Shape _____ Negative Slope
 Insertion Loss at 18 GHz:
 2 - 4 dB _____ 1.5 dB
 5 - 6 dB _____ 2.0 dB
 7 - 9 dB _____ 2.5 dB
 10 - 12 dB _____ 4.0 dB
 13 - 15 dB _____ 5.0 dB
 16 - 20 dB _____ 6.0 dB
 Amplitude at 8 GHz _____ 2 to 16 dB
 (Relative to loss at 18 GHz)

Linearity:

2 - 4 dB _____ ±0.5 dB
 5 - 6 dB _____ ±0.75 dB
 7 - 9 dB _____ ±1.0 dB
 10 - 12 dB _____ ±1.5 dB
 13 - 15 dB _____ ±2.5 dB
 16 - 20 dB _____ ±3.5 dB

VSWR:

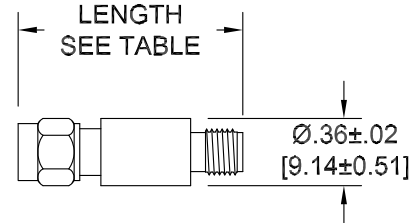
Input/Output _____ 1.80:1 Max.

Mechanical:

Housing _____ Passivated Stainless Steel
 SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper
 Temperature Range:
 Operating _____ -54°C to +125°C
 Non-Operating _____ -65°C to +125°C

For Epoxy sealed Connector add -440 to Model Number

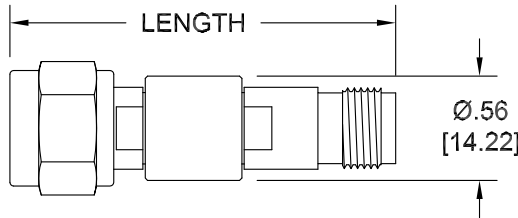
Model Number: EQ2401-XX
SMA CONNECTORS



Connector Configuration	OVERALL LENGTH	
	2 - 15 dB	16 - 20 dB
Male/Female	1.205 ±.025 [30.61 ±0.64]	1.575 ±.025 [40.01 ±0.64]
Male/Male	1.330 ±.030 [33.78 ±0.76]	1.705 ±.030 [43.31 ±0.76]
Female/Female	1.060 ±.015 [26.92 ±0.38]	1.445 ±.015 [36.70 ±0.38]

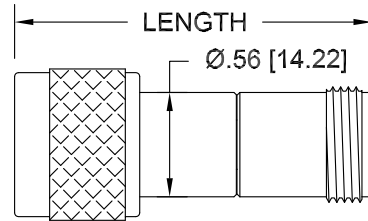
See Website for Typical Performance Graphs and Application Notes

Model Number: EQ2401T-XX
TNC CONNECTORS



Connector Configuration	OVERALL LENGTH	
	2 - 17 dB	16 - 20 dB
Male/Female	2.07 ±.03 [52.58 ±0.76]	2.44 ±.03 [61.98 ±0.76]
Male/Male	1.96 ±.03 [49.78 ±0.76]	2.34 ±.03 [59.44 ±0.76]
Female/Female	2.16 ±.03 [54.86 ±0.76]	2.54 ±.03 [64.52 ±0.76]

Model Number: EQ2401N-XX
TYPE N CONNECTORS



Connector Configuration	OVERALL LENGTH	
	2 - 17 dB	16 - 20 dB
Male/Female	1.90 ±.03 [48.26 ±0.76]	2.28 ±.03 [57.91 ±0.76]
Male/Male	1.82 ±.03 [46.23 ±0.76]	2.20 ±.03 [55.88 ±0.76]
Female/Female	1.99 ±.03 [50.55 ±0.76]	2.37 ±.03 [52.58 ±0.76]

HOW TO ORDER:

Model Number: EQ2401Z-XXY-ZZZ

Connector Type
 = SMA
 N = Type N
 T = TNC

440 = Epoxy Sealed Connectors.

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

dB Value

Ordering Examples:

Model Number: EQ2401-03
3 dB; SMA - Male/Fem

Model Number: EQ2401N-18F
18 dB; Type N - Fem/Fem

Model Number: EQ2401-06-440
6 dB; SMA - Male/Fem; Epoxy Sealed