

EQUALIZER

Negative Slope, 8-18 GHz, Fixed

SPECIFICATIONS:

Models: EQ2401-XX, EQ2401-XXM, EQ2401-XXF

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 - 16 dB _____ 5.0 dB

Amplitude at 8 GHz _____ 2 to 16 dB

Linearity: _____ (Relative to loss at 18 GHz)

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 - 16 dB _____ ± 2.5 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

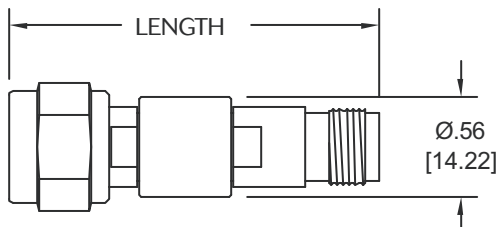
Temperature Range:

Operating _____ -54°C to +125°C

Non-Operating _____ -65°C to +125°C

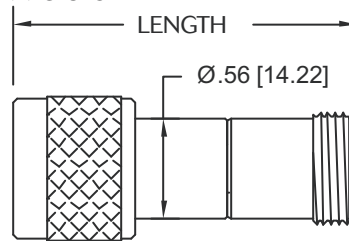
For Epoxy sealed Connector add -440 to Model Number

Model Number: **EQ2401T-XX**
TNC CONNECTORS



Connector Configuration	OVERALL LENGTH
Male/Female	2.07 \pm .03 [52.58 \pm 0.76]
Male/Male	1.96 \pm .03 [49.78 \pm 0.76]
Female/Female	2.16 \pm .03 [54.86 \pm 0.76]

Model Number: **EQ2401N-XX**
TYPE N CONNECTORS



Connector Configuration	OVERALL LENGTH
Male/Female	1.90 \pm .03 [48.26 \pm 0.76]
Male/Male	1.82 \pm .03 [46.23 \pm 0.76]
Female/Female	1.99 \pm .03 [50.55 \pm 0.76]

HOW TO ORDER:

Model Number: **EQ2401Z-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: **EQ2401-03**
3 dB; SMA - Male/Fem

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

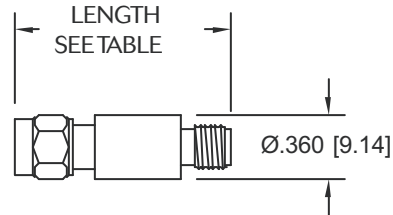
Model Number: **EQ2401-06**

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only. 6 dB; SMA - Male/Fem; Epoxy Sealed S/A Design, specifications are subject to change without notice. Contact factory for technical specifications before purchasing or use.

EQ2401: REV B

AEROFLEX
A passion for performance.

Model Number: **EQ2401-XX**
SMA CONNECTORS



Connector Configuration	OVERALL LENGTH
	3 - 16 dB
Male/Female	1.205 \pm .025 [30.61 \pm 0.64]
Male/Male	1.330 \pm .030 [33.78 \pm 0.76]
Female/Female	1.060 \pm .015 [26.92 \pm 0.38]

See Website for Typical Performance Graphs and Application Notes

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