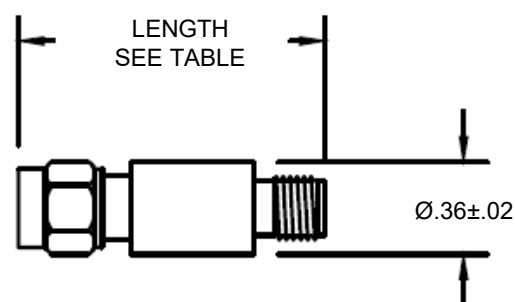


## Technical Specifications

Parameter	Value
Frequency Range	6 – 18 GHz
Available Delta Slopes	3 to 25 dB <i>Data slope is relative to loss at 18 GHz</i>
Maximum Insertion Loss at 18 GHz:	
3 – 6 dB	1.75 dB
7 – 9 dB	2.5 dB
10 – 14 dB	3.0 dB
15 – 20 dB	4.0 dB
21 – 25 dB	6.0 dB
Linearity (Deviation from nominal delta slope)	
3 – 6 dB	±0.75 dB
7 – 9 dB	±1.0 dB
10 – 14 dB	±1.5 dB
15 – 20 dB	±3.0 dB
21 – 25 dB	±4.0 dB
VSWR (Input/Output)	1.80:1 Max.
Power (Input/Output)	1 Watt @+25°C Max. <i>Derted linearity to 0.5 watt @ +125°C</i>



Model Number: EQ2400-XX  
 SMA Connectors



Units are Bidirectional

## Mechanical Specifications

Feature	Material
Housing	Passivated Stainless Steel
SMA Connectors <i>Mates with MIL-STD-348</i>	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Temperature Range	
Operating	-54°C to +125°C
Non-operating	-65°C to +125°C

Connector Configuration	Overall Length Weight	
	3-17 dB	18-25 dB
Male/Female	1.205 ± .05 15 grams max.	1.575 ± .05 18 grams max.
Male/Male	1.33 ± .05 16 grams max.	1.705 ± .05 20 grams max.
Female/Female	1.06 ± .025 13 grams max.	1.445 ± .025 17 grams max.

Epoxy Sealed Connectors Available

## How to Order

Model #: EQ2400Z - XXY

Connector Type  
 = SMA

dB Value

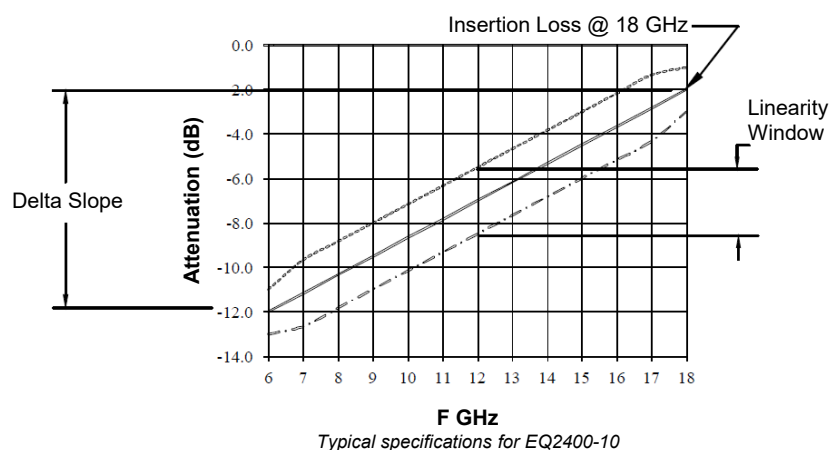
N = N-Type

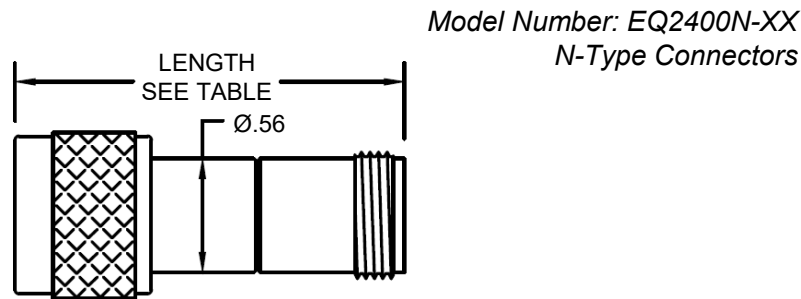
Connector Configuration  
 = Male/Female  
 F = Female/Female  
 M = Male/Male

## Order Examples

Model number: EQ2400-03  
 3 dB, SMA male/female

Model number: EQ2400N-18F  
 18 dB, N-Type female/female





Connector Configuration	Overall Length Weight	
	3-17 dB	18-25 dB
Male/Female	1.90 ± .03 61 grams max.	2.28 ± .03 70 grams max.
Male/Male	1.82 ± .03 67 grams max.	2.2 ± .03 76 grams max.
Female/Female	1.99 ± .03 55 grams max.	2.37 ± .03 64 grams max.