

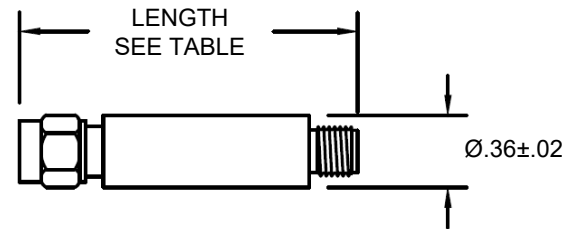


Technical Specifications

Parameter	Value
Frequency Range	0.5 – 4 GHz
Available Delta Slopes	3 to 15 dB <i>Data slope is relative to loss at 4 GHz</i>
Maximum Insertion Loss at 4 GHz:	
3 – 4 dB	0.50 ±0.50 dB
5 – 6 dB	0.5 +0.75 -0.50 dB
7 – 10 dB	0.75 +1.0 -0.75 dB
11 – 15 dB	1.0 +1.5 -1.0 dB
Linearity (Deviation from nominal delta slope)	
3 – 4 dB	±0.50 dB
5 – 6 dB	±0.75 dB
7 – 10 dB	±1.0 dB
11 – 15 dB	±1.5 dB
VSWR (Input/Output)	1.80:1 Max.
Power (Input/Output)	2 Watt @+25°C Max. <i>Derated linearity to 1 watt @ +90°C</i>



Model Number: EQ1101-XX
SMA Connectors



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	-50°C to +90°C
Non-operating	-55°C to +100°C

Connector Configuration	Overall Length Weight	
	3-8 dB	9-15 dB
Male/Female	1.69 ± .05 20 grams max.	2.28 ± .05 25 grams max.
Male/Male	1.81 ± .05 20 grams max.	2.405 ± .05 30 grams max.
Female/Female	1.56 ± .05 20 grams max.	2.15 ± .05 25 grams max.

Epoxy Sealed Connectors Available

How to Order

Model #: EQ1101 - **XXY**

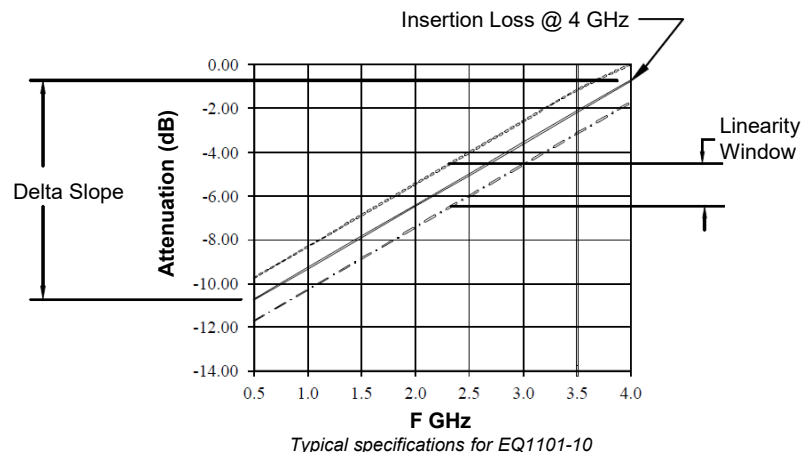
dB Value

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

Order Examples

Model number: EQ1101-03
3 dB, SMA male/female

Model number: EQ1101-15F
15 dB, SMA female/female



Design specifications are subject to change without notice.

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.