

ATTENUATORS

Type N, with mounting holes, DC - 18 GHz, 20 Watts

SPECIFICATIONS:

Models: 2100-XX dB

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 18 GHz
Standard Freq. Values _____ 18 GHz
Standard dB Values _____ 0, 3, 6, 10, 20, 30 & 40 dB
Attenuation Accuracy _____ DC - 12.4 GHz _____ 12.4 - 18 GHz
3 & 6 dB _____ ± 0.5 dB _____ ± 0.75 dB
10 & 20 dB _____ ± 0.75 dB _____ ± 1.00 dB
30 & 40 dB _____ ± 1.00 dB _____ ± 1.50 dB

VSWR

DC - 12.4 GHz _____ 1.30:1 Max.
12.4 - 18 GHz _____ 1.40:1 Max.

Input Power _____ 20 Watts Avg. @ 40°C
Derated Linearly to 5 Watts @ +125°C

Peak Power _____ 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)

Impedance _____ 50 Ohms

Operating Temp Range _____ -65°C to +125°C

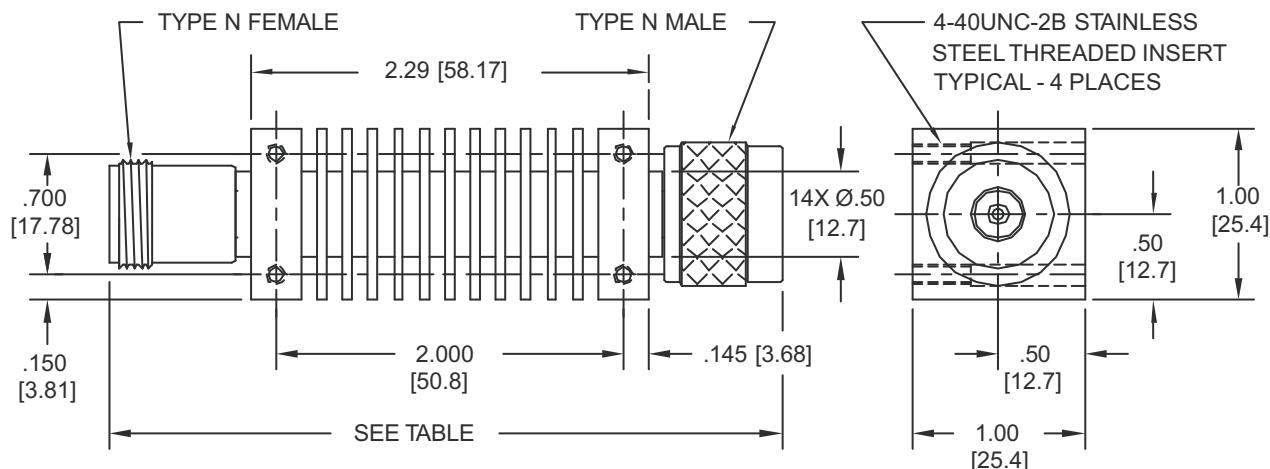
Mechanical:

Type N Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper

Housing _____ Black Anodized Aluminum

Connector Configuration	LENGTH	
	Inches	Millimeters
Male/Female	3.87 $\pm$.05	[98.3 $\pm$ 1.27]
Male/Male	3.79 $\pm$.05	[96.27 $\pm$ 1.27]
Female/Female	3.95 $\pm$.05	[100.33 $\pm$ 1.27]



HOW TO ORDER:

Model Number: **2100-XXY**

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

dB Value

Ordering Examples:

Model Number: **2100-20**

DC - 18 GHz; 20 dB; Type N - Male/Fem

Model Number: **2100-06F**

DC - 18 GHz; 6 dB; Type N - Fem/Fem

Model Number: **2100-03M**

DC - 18 GHz; 3 dB; Type N - Male/Male

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.

2100: REV D (M)

AEROFLEX
INMET

Aeroflex / Inmet, Inc. • 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex.com/inmet • inmet@aeroflex.com