

®

HELIAX

Surge Arrestor

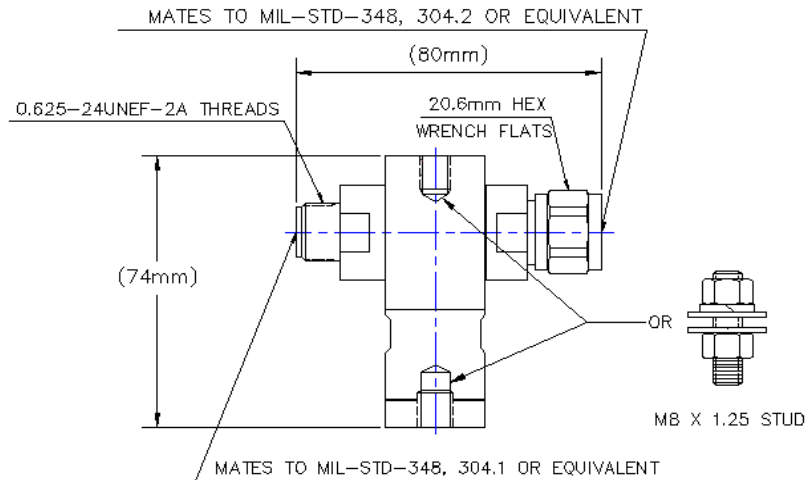
PRODUCT SPECIFICATION



APT-NFNM-DB

N Female, N Male

806 - 2170 MHz



CHARACTERISTICS

Components

Body	Brass Trimetal Plate
Inner Conductor	Beryllium Copper Gold Plate
DIN-F Contact	Brass Trimetal Plate
DIN-M Contact	Brass Trimetal Plate
Stub	Brass
Sleeve	Brass Trimetal Plate
Cap	Brass Trimetal Plate
Coupling Nut	Brass Trimetal Plate

Customer Support Center:

From North America: 1-800-255-1479

International: +1-708-873-2307

www.andrew.com

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March 07, 2006

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APT-NFNM-DB

N Female, N Male

806 - 2170 MHz

Components

Insulator	PTFE
O-Ring	Silicone Rubber
Stud	Soft Copper
Lockwasher	Bronze Bushing Stock
Washer	Soft Copper
Nut	Bronze Bushing Stock

Electrical

Peak Power, max, kW	0.6	
3rd Order IM, Product Typical, -dBm	-117	
3rd Order IM Test Method	Two +43 dBm Carriers	
Nominal Impedence, Ohms	50	
Impulse Discharge Current kA	30	8/20 waveform
Multiple Strike Capability	100	20kA, 8/20 waveform per IEEE C62.42
Throughput Energy, less than	25	uJ (MicroJoules) At 2 kA Peak Impulse Current Per IEEE C62.41-1991
	2	mJ (MilliJoules) At 30 kA Peak Impulse Current Per IEEE C62.41-1991
Insertion Loss, max., dB	0.07	
Return Loss, dB		
806 - 960 MHz	-26.4	
960 - 1,710 MHz	-23.0	
1,710 - 2,000 MHz	-26.4	
2,000 - 2,170 MHz	-23.0	

Mechanical

Surge Arrestor Weight, kg (lb)	0.430 (0.948)
Pressurizable	No

Environmental

Moisture Resistance Test	MIL-STD-202, Method 106
Mechanical Shock Test	MIL-STD-202F, Method 213B, Test Cond. C
Corrosion Test	MIL-STD-202, Method 101, Condition B
Thermal Shock Test	MIL-STD-202, Method 107, Cond A-1, Low Temp -55°C
Vibration Test	GR 2846-CORE
Operating Temperature Range, °C	-40 to 150
Storage Temperature Range, °C	-40 to 100
Immersion Test, mated connectors	IEC 529:1989,IP68
Immersion Depth, m	1.00

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