

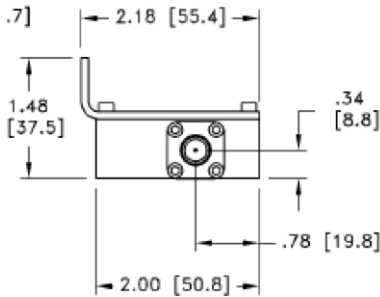
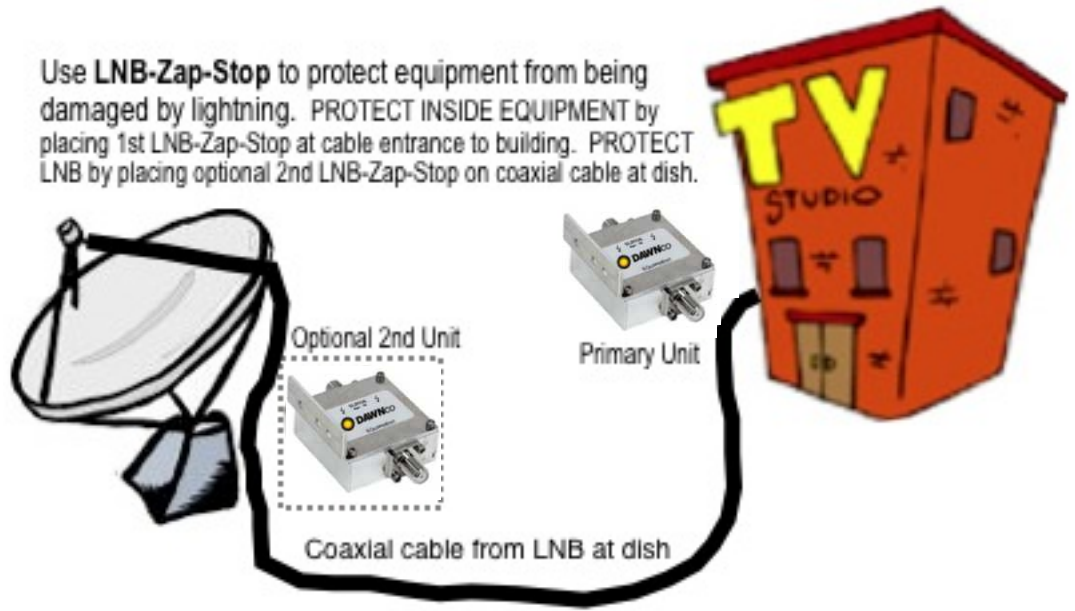


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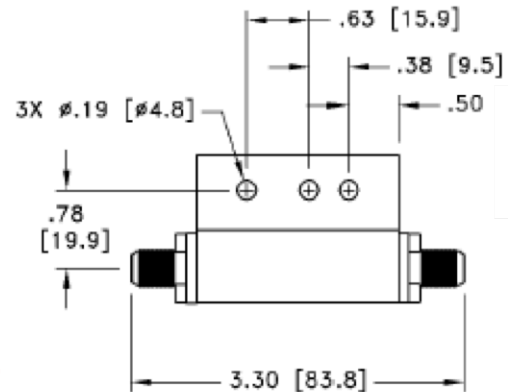
Reasonable prices, priceless reasoning.

LNB-Zap-Stop

Use **LNB-Zap-Stop** to protect equipment from being damaged by lightning. PROTECT INSIDE EQUIPMENT by placing 1st LNB-Zap-Stop at cable entrance to building. PROTECT LNB by placing optional 2nd LNB-Zap-Stop on coaxial cable at dish.



PARAMETER	REQUIREMENT
IMPEDANCE	75 Ohms
RF POWER CAPABILITY	50 Watts
TELEMETRY FREQUENCY BAND	10 kHz TO 150 kHz 10 MHz TO 100 MHz
Rx/Tx FREQUENCY BAND	300 MHz TO 2500 MHz
TELEMETRY INSERTION LOSS	2.0 dB MAX.
Rx/Tx INSERTION LOSS	1.0 dB MAX.
300 TO 2500MHz	
TELEMETRY I/O RETURN LOSS	10 dB MIN.
Rx/Tx I/O RETURN LOSS	15 dB MIN.
Rx/Tx GROUP DELAY VARIATION	100 ps MAX.
OPERATING VOLTAGE & CURRENT	+24 VDC @ 3 Amps
STAND OFF VOLTAGE	±33 VDC
SURGE PROTECTION	IEC 61000-4-5, 8/20 μs @ 3 kA IEC 61000-4-5, 10/350 μs @ 3 kA
PEAK LET THROUGH VOLTAGE	2 X OPERATING VOLTAGE
THROUGH-PUT ENERGY	1 mJ MAX.



OPERATING ENVIRONMENT

TEMPERATURE RANGE	-50 TO +85 DEG-C
RELATIVE HUMIDITY	0 TO 100% CONDENSING
ALTITUDE	15,000 FEET

STORAGE ENVIRONMENT

TEMPERATURE RANGE	-50 TO +95 DEG-C
RELATIVE HUMIDITY	0 TO 100% CONDENSING
ALTITUDE	50,000 FEET

SHOCK AND VIBRATION

OPERATING VIBRATION	ETS 300 019-2-4, CLASS 4M3
OPERATING SHOCK	ETS 300 019-2-4, CLASS 4M3
TRANSPORTATION	ETS 300 019, CLASSIFICATION 2.3



DAWNco

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Features:

Multi-Strike Capability • Fully Weatherized Housing
Low Throughput Energy • Type F Connectors • Flange Mount

Surge Capabilities: IEC 1000-4-5, 8/20 μ s @ 3kA, IEC 1000-4-5, 10/350 μ s @3kA

Frequency Range: Telemetry (10 kHz to 150 kHz, 10 MHz to 100 MHz)
Rx/Tx (300 MHz to 2500 MHz)

Return Loss: Telemetry (>10.0 dB)
Rx/Tx (>15.0dB nominal)

Insertion Loss: Telemetry (2.0dB max)
Rx/Tx (1.0dB max)

Rx/Tx Group Delay Variation: 100ps max

Impedance: 75 Ohms

RF power: 50 Watts max

User Voltage: 24Vdc

Operating Temperature: - 50° C to + 85° C, Storage Temperature: - 50° C to + 95° C

Relative Humidity: 0 to 100% condensing

Surge Throughput Energy: 1mJ typical (6kV/3kA 8/20 μ s)

Peak Let-through Voltage: 2 x operating voltage max

