

TECHNICAL SPECIFICATION

NSP-500-07M HEMP RF COAXIAL FILTER

ELECTRICAL SPECIFICATIONS

Frequency Response	:	1.5 – 700 MHz
Impedance	:	50 Ohms
Insertion Loss	:	0.3 dB Maximum
VSWR	:	1.2:1
Operating RF Power	:	500W CW Maximum Over HF
HEMP Protection	:	MIL STD-188-125-1/2
Surge Current	:	40kA Max Inner Conductor - Ground
Lightning Impulse Current	:	2kA Max Inner Conductor - Ground

MECHANICAL SPECIFICATIONS

RF Input Connector	:	N-Type Female Bulkhead
RF Output Connector	:	N-Type Female Bulkhead
Dimensions (L x W x H)	:	134 x 51 x 52 mm (5.27 x 2.00 x 2.04 In)
Weight	:	425g

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	:	-40 °C to +80 °C
Dust / Waterproof	:	IP65 (According to IEC 60529 in the coupled state)
Moisture Resistance	:	MIL-STD-202 Method 106E
Salt Fog	:	MIL-STD-202 Method 101D / Condition B
Temperature Shock	:	MIL-STD-202 Method 107D / Condition B-1
Vibration	:	MIL-STD-202 Method 204D / Condition D
Mechanical Shock	:	MIL-STD-202 Method 213 / Condition A

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