

DC BLOCKED FILTER

PCS MICRO FILTER PROTECTION



The Micro PSX is dc blocked for the ultimate in equipment protection. Comprehensive testing proved the industry's finest RF and surge performance characteristics. The ultra compact footprint incorporates a fully integrated connector housing that is completely weatherized, contains no gas tubes and is available in various connector configurations.

- Industry's best RF performance
- Compact, integrated connector housing
- Industry's lowest throughput energy
- Fully weatherized
- Maintenance free
- dc blocked
- small footprint
- Multi-strike capability
- No gas tubes

LSX available for 4200-6000Mhz

PSX® SERIES

Features

- Industry's Best RF Performance
- Compact, Integrated Connector Housing
- Fully Weatherized
- Bellcore TA-NWT-000487
120 mph wind driven rain
- dc Blocked
- Industry's Lowest Throughput Energy
- Maintenance Free
- Multi-Strike Capability

Technical Specifications

(per Qualification Testing)

Surge: 20kA IEC 1000-4-5 8/20 μ s Waveform

VSWR: ≤ 1.1 to 1

Insertion Loss: ≤ 0.1 dB

Frequency Range: 1.2 to 2.8GHz (950MHz to 3.5GHz
@ 1.2:1 VSWR)

Power: 300W continuous

Operational Temperature Range: -40°C to +85°C

Vibration: 1G @ 5Hz to 100Hz

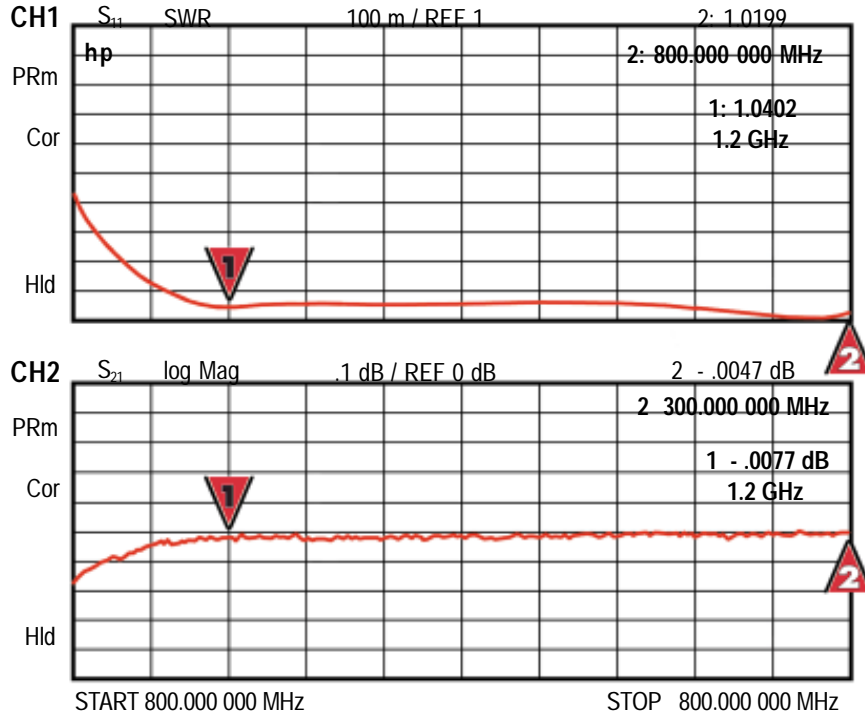
Throughput Energy:

$\leq 0.5\mu$ J for 3kA @ 8/20 μ s Waveform

Let-Through Voltage:

$\leq \pm 3$ volts for 3kA @ 8/20 μ s Waveform

VSWR & Insertion Loss



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