



ISO 9001 Certified

LP-STRD Series

- *DC Blocked for Superior Surge Protection*
- *Multi-Strike Capability*
- *High Power Rated*
- *High Surge Current Rating*
- *Outstanding IL/RL Characteristics*
- *Excellent PIM Performance*
- *Fully Weatherized Housing*
- *Solid Brass Construction for Durability and Long Life*

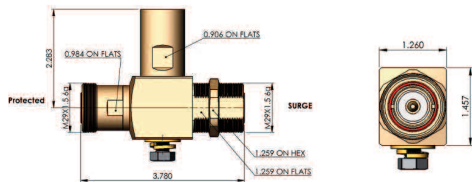


Lightning and Surge Protection for The 21st Century™

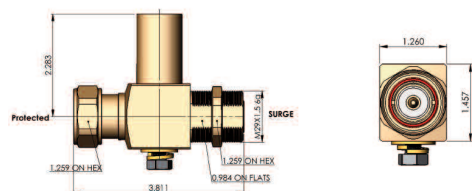
The **Times-Protect™** LP-STRD high performance series is an exceptional DC blocked design for outstanding surge performance. The operating bandwidth of 800MHz-2500MHz makes the LP-STRD series suitable for a broad range of applications. With its excellent passive intermodulation performance, outstanding RF performance over the entire operating band and superior power handling capability, the LP-STRD product family is unequaled. Its fully weatherized housing meeting IP67 standard allows for outdoor as well as indoor installation.

LP-STRD Series:

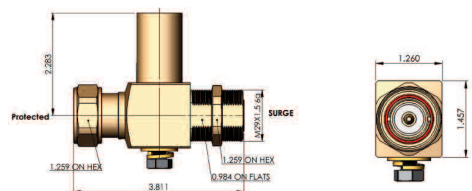
- **LP-STR-DFF**
716 DIN Female connectors on surge and protected side
- **LP-STR-DMP**
716 DIN Male connector on protected side with 716 DIN Female connector on surge side
- **LP-STR-DMS**
716 DIN Male connector on surge side with 716 DIN Female connector on protected side



- LP-STR-DFF
800-2500MHz DC Blocked DIN Type F/F



- LP-STR-DMP
800-2500MHz DC Blocked DIN Type M on Protected



- LP-STR-DMS
800-2500MHz DC Blocked DIN Type M on Surge

*All dimensions shown in inches

Electrical Specifications

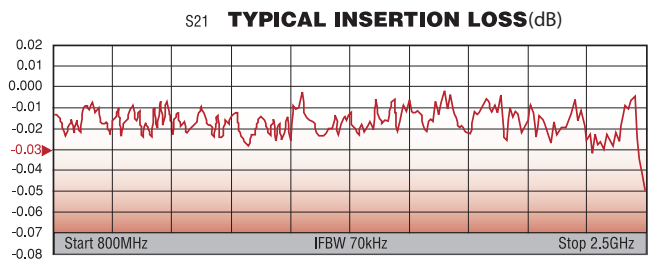
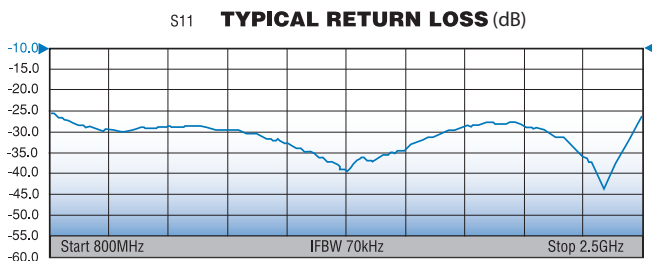
Impedance	50 Ω
Frequency Range	800-2500 MHz
VSWR / Return Loss	< 1.15:1 / <-26dB
Insertion Loss	< 0.1dB
Average Power	700 Watts
PIM	<-160 dBc
Maximum Surge Current	100kA (8/20 μ s wave-form)
Residual Pulse Voltage	< 100V (50kA 8/20 μ s wave-form)
Residual Pulse Voltage	< 1V (4kV/2kA 1.2x50/8x20 μ s wave-form)
Energy Throughput Rating	< 1nJ (4kV/2kA 1.2x50/8x20 μ s wave-form)
Protection Circuit	DC Blocked

Mechanical / Environmental Specifications

Temp Range Storage/Operating	-40°C - +85°C
Weatherization	IEC 60068 55/155/56 & IP67
Thermal Shock	US MIL-STD 202, Meth.107,Cond.B
Vibration	US MIL-STD 202, Meth.204,Cond.B
Shock	US MIL-STD 202, Meth.213,Cond.I
RoHS Compliant	Yes
Mating Life Cycle	> 500
Recommended Coupling Nut Torque	220 to 300 lb-in

Material Specifications

Component	Material	Plating
Body	Brass	White Bronze
Inner Conductor Male	Brass	Silver
Inner Conductor Female	Phosphor Bronze	Silver
Coupling Nut	Brass	White Bronze
Insulator	PTFE	--
O-Ring	Silicone Rubber	--



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