



LP-STR-D 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

100% PIM Tested



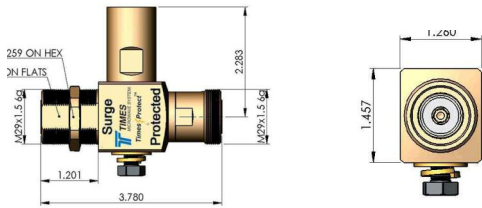
Lightning and Surge Protection for The 21st Century™

The **Times Protect™** LP-STR-D high performance series is an exceptional DC blocked design for outstanding surge performance. The operating bandwidth of 800MHz-2500MHz makes the LP-STR-D 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-STR-D product family is unequalled. Its fully weatherized housing meeting IP67 standard allows for outdoor as well as indoor installation.

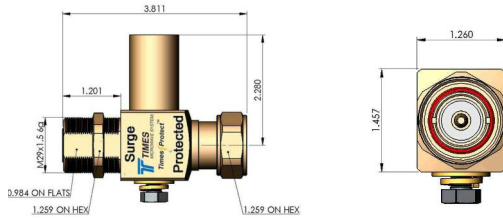
LP-STR-D Series:

- 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

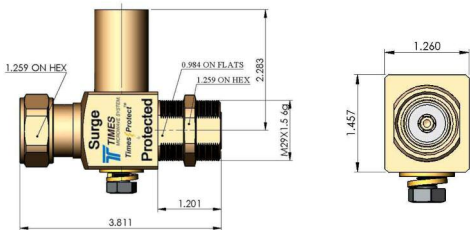




- LP-STR-DFF
800-2500MHz DC Blocked DIN Type F/F



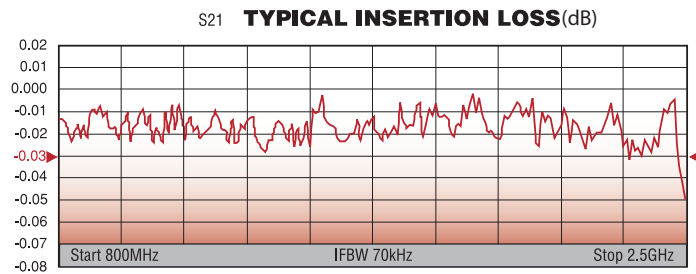
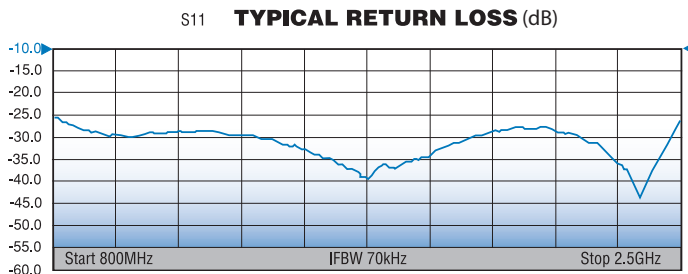
- LP-STR-DMP
800-2500MHz DC Blocked DIN Type M on Protected



- 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 | <1.13:1 / <-24dB (800-840MHz) <1.1:1 / <-26dB (840-2500MHz) | |
| Insertion Loss | < 0.1dB | |
| Average Power | 700 Watts | |
| PIM | <-160 dBc | |
| Maximum Surge Current | 50kA (8/20μs wave-form) | |
| Residual Pulse Voltage | < 100V (50kA 8/20μs wave-form) | |
| Residual Pulse Voltage | < 1V (4kV/2kA 1.2x50/8x20μs wave-form) | |
| Energy Throughput Rating | < 1nJ (4kV/2kA 1.2x50/8x20μs 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 | |
| Unit Weight | 0.6kg/pc 1.32lb | |
| 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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