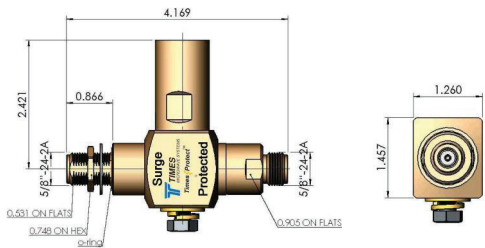
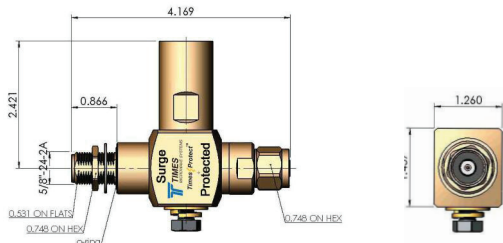


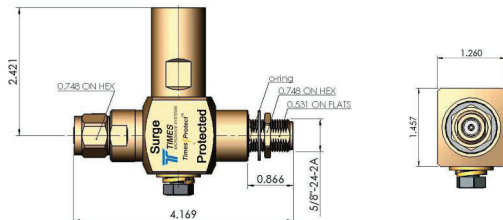
Times-Protect™



- LP-STRL-NFF
680-2200MHz DC Blocked N Type F/F



- LP-STRL-NMP
680-2200MHz DC Blocked N Type M on Protected



- LP-STRL-NMS
680-2200MHz DC Blocked N Type M on Surge

*All dimensions shown in inches

Electrical Specifications

Impedance	50 Ω
Frequency Range	680-2200 MHz
VSWR/Return Loss	< 1.13:1 / <-24dB (680-700MHz) < 1.1:1 / <-26dB (700-2200MHz)
Insertion Loss	< 0.1dB
Average Power	500 Watts
PIM	<-160dBc
Maximum Surge Current	50kA (8x20μs wave-form)
Residual Pulse Voltage	< 100V (50kA 8x20μs 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
Wear/Mating Cycles	500 minimum
Recommended Coupling Nut Torque	7 to 10 in-lb
Unit Weight	0.53kg/pc / 1.17lb

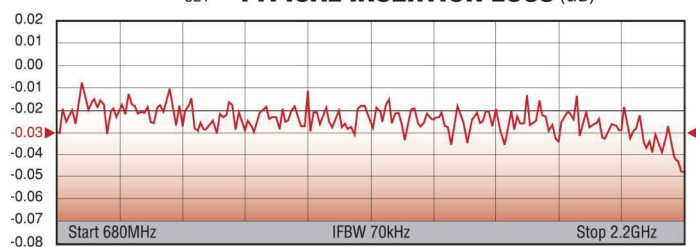
Material Specifications

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	--

S11 TYPICAL RETURN LOSS (dB)



S21 TYPICAL INSERTION LOSS (dB)



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