ISO 9001 Certified



## LP-GTV-T Series

- DC Pass Multi-Strike Design
- Broadband Bidirectional Design
- Excellent IL/RL Performance Over the Entire Operating Frequency Band
- Fully Weatherized Housing
- White Bronze Plated for Durability and Long Life









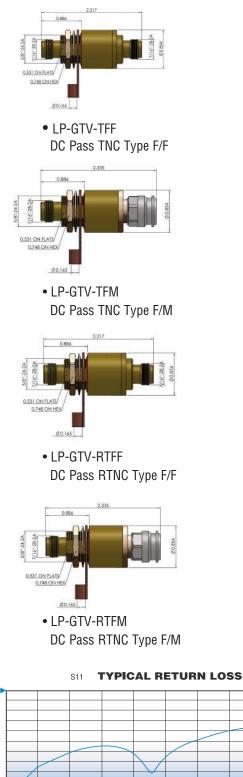
## Lightning and Surge Protection for The 21st Century<sup>TM</sup>

The **Times-Protect**<sup>®</sup> LP-GTV-T series is an exceptional broadband DC pass design for lightning protection applications requiring DC power to be supplied to the electronics. These devices exhibit outstanding RF performance with high surge current handling characteristics and cover a broad range of applications requiring up to 150W of RF power handling. Its fully weatherized housing meeting IP67 standard allows for outdoor as well as indoor installation. The TNC connector designs cover the entire frequency spectrum from DC through 6000MHz.

## LP-GTV-T Series:

- LP-GTV-TFF (150W) TNC Female connectors on both sides - bidirectional
- LP-GTV-TFM (150W) TNC Female connector on one side & TNC Male connector on the other side - bidirectional
- LP-GTV-RTFF (150W) R-TNC Female connectors on both sides - bidirectional
- LP-GTV-RTFM (150W) R-TNC Female connector on one side & R-TNC Male connector on the other side - bidirectional

Times-Protect<sup>®</sup>

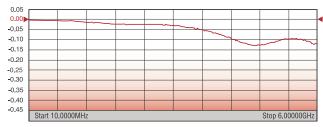


Electrical Specifications			
Impedance 5		50 Ω	
		DC-6000 MHz	
		< 1.3:1 / <-18dB (DC-6000MHz)	
		< 0.15dB (DC-6000MHz)	
Maximum Surge Current 1		10kA multiple (8x20µs wave-form)	
Impulse Sparkover 7		700V (1kV/µs)	
Turn on 1		180Vdc	
Average Power 1		150 Watts	
Protection Circuit		DC Pass	
Mechanical / Environmental Specifications			
Temp Range Storage/Operating		-40°C - +85°C	
Weatherization		IEC 60068 40/085/21 & 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		4 - 6 in-Ibs	
Unit Weight		1.41 oz / 40 grams	
Material Specifications			
Component	Mate	erial	Plating
Body	Aluminum		White Bronze
Inner Conductor Male	Brass		Silver
Inner Conductor Female	Phosphor Bronze		Silver
Washer	Brass		White Bronze
Coupling Nut	Brass		White Bronze
Insulator	PTFE		
0-Ring Silicone Rubber		ber	

\*All Dimensions shown in inches



## S21 TYPICAL INSERTION LOSS





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