

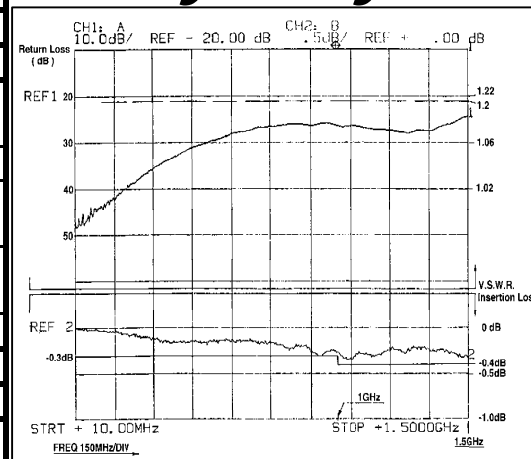
# In-Line Surge Protector, DC~1.5GHz, DC~3GHz

# Always Stay Protected!

## General Specification of Black Body Series

Description	Data
Frequency Range	0 - 1.5GHz(SO239-SO239 Type), 0 - 3GHz(N Type)
V.S.W.R.	N-Type:1.15 MAX (0 - 2.5 GHz), 1.25 MAX(2.5 - 3 GHz) SO239 & PL259 Type: 1.2 MAX (0 - 1.5 GHz)
Insertion Loss	N Type: 0.1dB MAX(0 - 1 GHz), 0.2 dB MAX(1 - 2.5 GHz), 0.3 dB MAX(2.5 GHz - 3 GHz) SO239 & PL259 Type: 0.3dB MAX(DC - 1GHz), 0.4dBMAX(1 - 1.5GHz)
Impedance	50 ohm
<b>Power Ratings</b>	<b>Suffix : DC ~ 30 MHz / 30 ~ 500 MHz / 500 ~ MAX Range</b>
Power Ratings(at P.E.P./SSB) (Outdoor & Indoor All types) (at V.S.W.R.=1:1.2)	- 90 : 80W / 60W / 20W
	- 230 : 280W / 110W / 40W
	- 350 : 650W / 260W / 100W
	- 600 : 2KW / 800W / 320W
Power Ratings(at FM/CW) (Outdoor & Indoor All types) (at V.S.W.R.=1:1.2)	- 90 : 40W / 30W / 10W
	- 230 : 140W / 55W / 20W
	- 350 : 325W / 130W / 50W
	- 600 : 1KW / 400W / 160W
Element	Fast Gas Tube Arrester (Nano Seconds)
Body	Aluminum-Die Cast/Black Color Coated
Connectors	Comply with: MIL-C-71A, 39012 STANDARD
Protector	Comply with: IEC/IEEE STANDARD
<b>Ratings of Gas Tube Element</b>	<b>Data (Comply with IEEE Standards.)</b>
DC Break-Down Voltage	Suffix of P/N: 90V(+/-20%), 230V, 350V, 600V(all +/-15%)
Impulse-Breakdown Voltage	2500V at 5KV/ micro sec.
Max. Impulse Current	5KA at 8 / 20 micro sec. ( T1 / T2 ) [Actually 10KA, 80 times]
Life Times	600 Times at 10 / 1000 micro sec. 500A ( T1 / T2 )
Max. AC Discharge Frequencies	5A/50Hz per 1 sec and Rest 1 Minute: > 5 times
Insulation Resistance	10,000 M ohm
Electrostatic Capacity	1 PF at 1MHz
<b>Lightning Impulse Cycle Test</b>	<b>Passed 80 times at 10KA / 500KV Impulse Destroy Test</b>
* Device must be well grounded. The ground Wire should be shortened as possible.	
** Device is depending V.S.W.R. of Antenna. Good V.S.W.R. is required.	
*** These products are not for direct strike.	

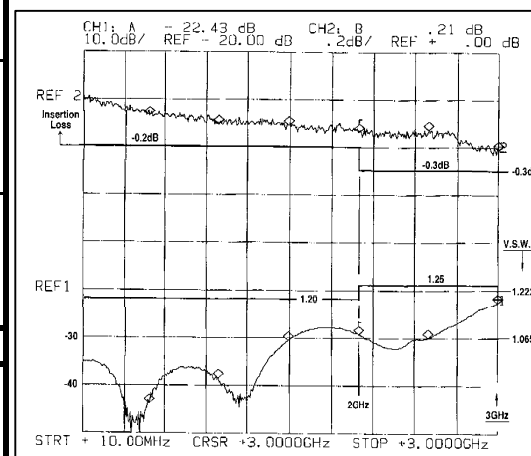
<b>Model #:</b>	RTM-LSP357 = SO239 - SO239	RTM-LSP354 = NP - NJ
	RTM-LSP356 = SO239 - PL259	RTM-LSP355 = NJ - NJ



RTM-LSP357-SO239 - SO239



RTM-LSP356-PL259 - SO239



RTM-LSP355-NJ - NJ



RTM-LSP354-NJ - NP

**// Voltage = Choice from 90, 230, 350, 600V //**



**Color is changing into Black by level of surges.**  
Color completely dark in center or entire gas tube is time for replace.

**// Please inquire about other available types. //**

**// OEM, Volume inquiry, Custom Products Welcome. //**

RF TEC Mfg., Inc. **// Passed 80 times 10KA/500KV Test. //**

256 Commerce Dr. Suite 517, Peachtree City, GA 30269 Tel:(770)487-2187 Fax:(770)486-9499 E-Mail:info@rftec.com http://www.rftec.com