AC Power Supply/Power Inserter - RF configurable



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- The TSI-500 is a «power supply/power inserter» that may be RF configured as single inserter, 2-way splitter or 1-port tapoff.
- Inserts a 60 Vac voltage to any of the coaxial cables connected to the unit —two cables when it is used as single inserter or three cables in the splitter or tapoff configurations.
- The unit is presented in a tough aluminium die-cast housing for outdoor mounting.
- A neoprene compression gasket and a neoprne/metal-mesh radiation gasket provide maximum RFI shieding and IP67 grade weatherproofing.
- 5/8"-24 type RF ports.

TSI500

REF. 2179

			TSI-500
Bandwidth		MHz	5-862
Nominal mains supply		VAC	230-240
Nominal inserted voltage (at max load)		VAC	58
Impedance		Ω	75
Return loss		dB	> 16
Max insertion loss	"single inserter" configuration		0.6
	"splitter" configuration	dB	(2x) 4.5
	"tapoff" configuration		1.6 and 12
Response flatness		dB	$\leq \pm 0.5$
Max current to one RF port		А	5
Max current to all RF ports		А	5
Hum modulation		dB	≤ -70
Efficiency		%	90
Load regulation		%	0 — -6
Screening factor		dB	> 80
Fuse/switch of AC injection			(3x) Semi-delay 6.3A/250V
Fuse of transformer primary			T 3.15A/250V
Fuse of transformer secondary			T 6.3A/250V
AC requirements		VA	330
Operating temperature range		°C	-20 — +70
Dimensions		mm	300x200x100
Peso embalado		kg	5,980