



## RF SURGE SUPPRESSION



The **IMG-5X** is a high performance RF surge suppressor designed to protect high exposure outdoor coaxial signal lines. The **IMG-5X** features a unique replaceable active suppression element – no need to interrupt the signal path for replacement or system trouble shooting. High frequency capability "S" Band and multiple mounting features (Bulkhead/panel, baseplate or cable) help make the IMG-5GHZ a flexible versatile suppressor.

### Performance Capabilities:

Frequency range .....	dc – 5ghz
Insertion loss .....	<.25 db @ 2ghz <1.0 db @ 4ghz
VSWR .....	<1.15 db @ 2ghz <1.4 db @ 4ghz
Impedance .....	50 Ohms
Power (max) .....	20 watts
Surge discharge current .....	10kA (8 x 20us)
DC breakdown voltage .....	>120 volts
Impulse beakdown voltage .....	<700 volts (1kv/us)
Connectors .....	"N" In/Out
<b>Grounding .....</b>	<b>Case must be tied to electrical ground for proper performance</b>
Mounting .....	Unit supplied with 1/4x20 stud and nut for baseplate/tray mounting and a 1/4" wire lug for ground connection in cable mount applications.