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 breakdown voltage ................................. <700 volts (1kv/us)
Connectors ....................................................... “N” In/Out
Grounding ....................................................... Case must be tied to electrical ground for proper performance
Mounting ........................................................ Unit supplied with 1/4x20 stud and nut for baseplate/tray mounting and a ¼” wire lug for ground connection in cable mount applications.