



GPS Antenna Surge Arrestor

Model #

SA90-SMA

Help protect your equipment from the effects of lightning induced surges with the broadband SA90-SMA Surge Arrestor. This DC-passing surge arrestor operates with frequencies up to 3 GHz and helps with protection from lightning strikes.

FEATURES

- Easy installation for Masterclock GPS antenna systems- compact design fits in cramped installations
- Weather resistant in mated condition
- Quality protection at a competitive price
- Good return loss characteristics
- Low throughput energy during lightning strikes
- Contains 1 each surge arrestor with SMA female and SMA male connectors and a 18" (45 cm) low loss coaxial pigtail (SMA female to SMA male) everything needed to install the surge arrestor either outside adjacent to the antenna or inside at the receiving hardware.
- For maximum protection 2 units can be installed - see rear of sheet for details.



SA90-SMA Surge Arrestor
(supplied with surge arrestor and
SMA female to SMA male cable)

SPECIFICATIONS

Connectors: SMA Female – SMA Male

Pass Band: DC – 3GHz

Max power handling: 200 W

Impedance: 50Ω

Insertion loss, dB (MHz): Less than 0.2 dB (1000–3000)

VSWR: less than 1.5:1, 2.7 GHz; 1.65:1 3.0 GHz

DC discharge voltage: 90 VDC

Impulse discharge current: 5 KA 8/20 μ max withstanding current

Outer conductor finish: nickel plated

Hardware provided: Grounding screw, washers and terminal lug

Operating temperature: C -40° to +85°