



Lightning Arrestor (Surge Arrestor)

LA088

02

Data Sheet

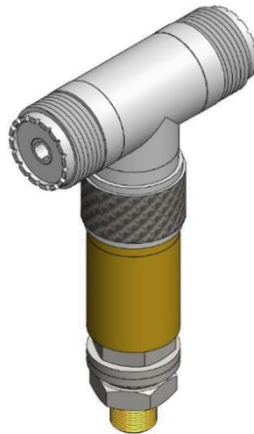


Figure 1 – LA088 Lightning Arrestor

The Lencom® LA088 Lightning Arrestor helps protect radio equipment by providing a parallel path to ground for both static build-up and lightning.

The LA088 is a single-piece unit. In addition, the 01-1010-001 earthing kit is available, comprising:

1 x 1,350mm copper bonded earth rod, 2m x 6mm earth wire 1 x earth strap, 1 x hardware set (bolt, nut and washers), and 1 x bag of Alminox conductive grease.

Product Information

The LA088 utilises a spark gap, so has, as its active protection element, a device comprising two electrodes facing each other, one being electrically connected to the coaxial cable while the other is electrically connected to ground.

The electrodes are separated by an insulating zone of air.

When a surge generated by the arrival of lightning current reaches a predetermined level, an electric arc is struck and becomes established between the electrodes, thereby creating a short-circuit for carrying the lightning current to ground, and as a result helping to protect the radio equipment.

It has an insertion loss of less than 0.1dB over the range of 2-30MHz.

Please note that while installing a lightning arrestor is considered essential practice to limit potential damage, complete protection cannot be guaranteed