

C0877A
HYPERCELL

HPL Quarter Wave Surge Arrestor

GENERAL CHARACTERISTICS

Quarter-wave surge protection for coaxial antenna lines. This technology also known as "Shorting Stub", provides an excellent protection against any surges especially against lightning surges. Thanks to their technology, they need no special maintenance and provide a very low residual voltage. To achieve very low inter-modulation, these protectors are designed with a minimum of separate parts (minimum contacts) and the raw material and surface treatment are non-magnetic. This protector is tuned for a specific frequency range and so is not able to transmit DC supply.

- Wide band
- Very high discharge capacity
- Very low residual voltage
- Maintenance free
- Bulkhead as a standard

MECHANICAL

Housings:	Brass + Cu. Zn. Sn (plating)
Male Contacts:	Brass + Silver (plating)
Female Contacts:	Bronze + Silver (plating)
Insulator:	PTFE
Gaskets:	Silicone rubber

ENVIRONMENTAL

Waterproof Degree:	IP65
Operating Temperature Range:	- 40 °C to + 85 °C
RoHS Compliance:	Yes
Test Standard:	IEC 60529

MOUNTING AND GROUNDING

Bulkhead mounting on grounding paintless plate, MH32, max.15mm for wall thickness, M8 threaded hole (MH – mounting hole, M - screw).

Connection to equipotential network by wire (2.5mm² Min. – shorter length).

ELECTRICAL

Impedance:	50 ± 1Ω
Frequency Band:	800 ~ 2200MHz
Return Loss:	≤-20dB
Insertion Loss:	≤ 0.2 dB
RF Power Transmission:	2500 W (Max.)
Intermodulation:	≤ -150 dBc
Max. Discharge Current:	100 KA (test pulse 8/20 µs)

RANGE

Product number	Interface	Bulkhead	Weight
C0600A	Din female / Din male	Yes	669 g
C0876A	Din female / Din male	No	492 g
C0602A	Din female / Din female	Yes	645g
C0877A	Din female / Din female	No	475g