

Bulkhead DIN female / DIN male

C0878A
HYPERCELL

HPL Gas Tube Surge Arrestor

GENERAL CHARACTERISTICS

Gas tube surge protection for coaxial antenna lines. Those surge protectors have been design to protect antenna, microwaves, broadband applications, two-way radios, cellular equipment and GPS equipment against lighting surges and electrical transients. They are a first line of defense for your sensitive equipment. They employ a patented gas tube and are proposed in bulkhead version as a standard.

- 20 KA transient amps protection (8/20 µs)
- DC Pass to +/- 48 V
- Low VSWR and insertion loss
- Bi-directional
- Removable GDT
- Bulkhead

MECHANICAL

Housings:	Brass + Cu. Zn. Sn (plating)
Male Contacts:	Brass + Silver (plating)
Female:	CuBe2 + Silver (plating)

ENVIRONMENTAL

Waterproof Degree:	IP65
Operating Temperature Range:	- 40 °C to + 80 °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:	DC to 2500MHz
Return Loss:	≤-20dB(typical -23 dB)
Insertion Loss:	≤ 0.15 dB
RF Power Transmission:	1000 W (Max.)
Breakdown Voltage:	400~600 V (100V/s)
Max. Discharge Current:	20 KA (test pulse 8/20 µs)
Residual Voltage:	< 1000 V (1 KV/µs)

RANGE

Product number	Interface	Bulkhead	Weight
C1046A	Din male / Din male	No	565 g
C0878A	Din male / Din female	Yes	565 g
C0879A	Din female / Din female	Yes	550 g