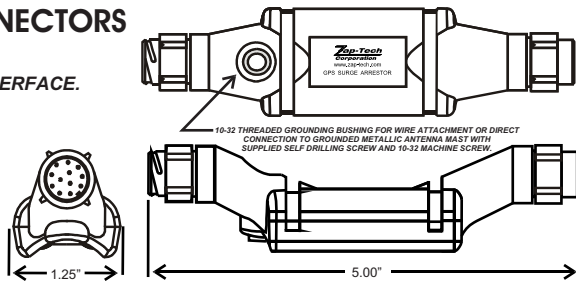


GPS SERIES SURGE PROTECTORS

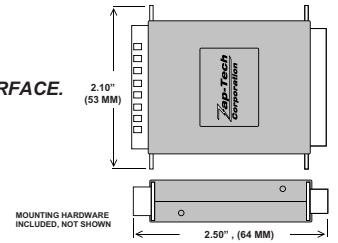
12 POSITION CONNECTORS

PROTECTION FOR ACUTIME GPS ANTENNA INTERFACE. MODEL 40-422-001



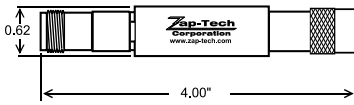
DB CONNECTORS

PROTECTION FOR ACUTIME GPS SYNC INTERFACE. MODEL 40-422-250

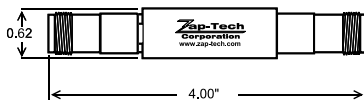


ALSO AVAILABLE IN DB9, DB15 & DB37 VERSIONS. SEE DB SERIES DATASHEET.

TNC CONNECTORS

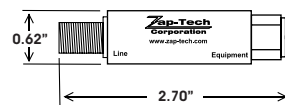


TNC MALE TO FEMALE
MODEL CX-TMF

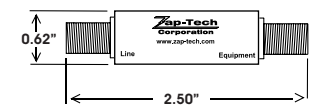


TNC FEMALE TO FEMALE
MODEL CX-TFF

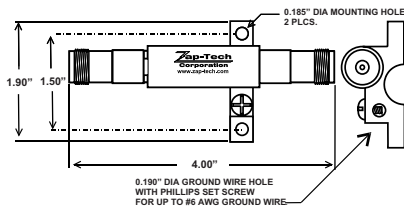
F CONNECTORS



F MALE/FEMALE
MODEL CX-FMF

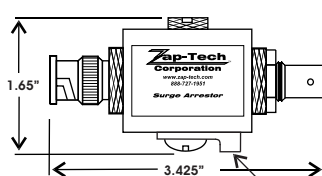


F FEMALE/FEMALE
MODEL CX-FFF

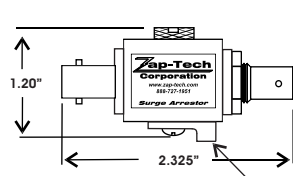


TNC FEMALE TO FEMALE
WITH INTEGRAL MOUNTING BRACKET
MODEL CX-TFFB
DB9, DB15, DB37

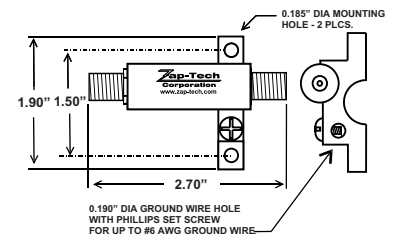
BNC CONNECTORS



BNC MALE/FEMALE
MODEL CX-BMF



BNC FEMALE/FEMALE
MODEL CX-BFF

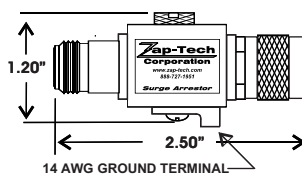


F FEMALE TO FEMALE
WITH INTEGRAL MOUNTING BRACKET
MODEL CX-FFFB

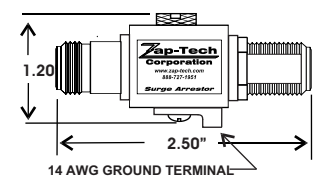
GPS PROTECTOR TO ANTENNA SELECTION

ANTENNA	CONNECTOR TYPE	ANTENNA OR SYNC END	PROTECTOR MODEL
ACUTIME	12 POS CIRCULAR	ANTENNA END	40-422-001
ACUTIME	DB 25 DB9, DB15, DB37	SYNC END	40-422-250 CONTACT US
BULLET TNC	TNC (FEMALE/FEMALE) TNC (MALE/FEMALE)	BOTH ENDS	CX-TFF CX-TMF
BULLET F	F (FEMALE/FEMALE) F (MALE/FEMALE)	BOTH ENDS	CX-FFF CX-FMF
N TYPE	N (FEMALE/FEMALE) N (MALE/FEMALE)	BOTH ENDS	CX-NFF CX-NMF

N CONNECTORS



N MALE/FEMALE
MODEL CX-NMF



N FEMALE/FEMALE
MODEL CX-NFF

Custom protection is our specialty. Custom versions are available including mixed or special clamp voltages, different connectors, over current or impedance options. Contact us for details.

ELECTRICAL SPECIFICATIONS

(Specifications below apply to P/N 40-422-001, 40-422-250 devices only.

For Coaxial devices, see CX series Datasheet).

MAXIMUM REPETITIVE SELF RESET SURGE:

3500 V, 1750 A for 100 pulses using 2 Ohm source. per: EN61000-4-5 Spec.

MAXIMUM FAIL SAFE SURGE:

6000 Volts 3000 Amps for 100 pulses using 2 Ohm source. per EN61000-4-5 Specification. Exceeds EN61000-4-5, level 4.

CLAMPING VOLTAGES:

Data: 7.5 Volts & 18 Volts, Power supply: 36 Volts, Common Mode - (Line to Line) and Differential Mode - (Line to Ground).

CAPACITANCE:

Line/Line: <40pF, Line/Ground: <40pF.

COMPONENT RESPONSE TIME:

Less than 10 Nanoseconds.

OPERATING ENVIRONMENT:

(-40C TO +85C) Max Continuous Power Limit: 3 Watts.

INSTALLATION:

Zap-Tech protectors should be installed in series with the incoming communication line at the port of the equipment being protected. The protector's grounding wire must be connected to the chassis ground of the protected equipment

IMPORTANT!

It is important that the protector and the chassis of the equipment to be protected are both properly grounded to a properly earthed electrical safety ground via the equipment's 3-prong power cord and/or a ground wire of 14 AWG or larger. Keep wire length to a minimum. Protectors should be installed at both ends of communication lines to ensure equipment protection at each end.

All specifications are subject to change without notice.

Detailed specifications for specific versions available on request.

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Zap-Tech
Corporation

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