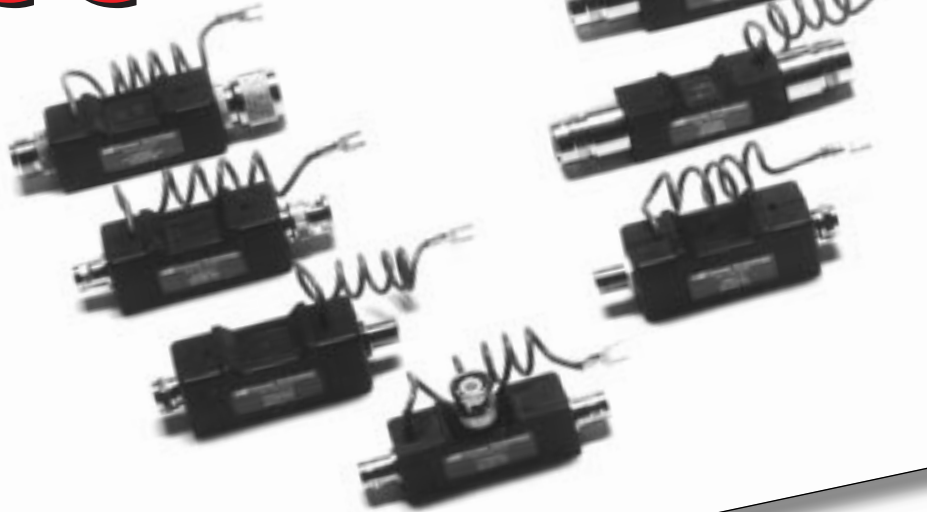


# CCC SERIES



**T**HE CCC SERIES OF COAXIAL CABLE/LAN ELECTRICAL TRANSIENT SURGE PROTECTORS ENSURES THE RELIABLE AND CONTINUOUS OPERATION OF NETWORKED EQUIPMENT USING IBM 3270, AS400, ETHERNET, ARCNET, CABLE/SATELLITE/CLOSED CIRCUIT TV AND MOST OTHER WIDEBAND COMMUNICATION INTERFACES.

## CCCS DELIVER:

- ▶ State-of-the-art avalanche diode technology
- ▶ Compact in-line installation
- ▶ High speed, high energy handling capability
- ▶ Low shunt capacitance for reduced signal loss

## YOU RECEIVE:

- ▶ Cost-effective, superior equipment security
- ▶ Improved reliability and maximized system uptime
- ▶ Interface card protection
- ▶ Adaptability to most industry applications
- ▶ Five Year Limited Warranty

CCC Series devices guard sensitive data networks against lightning induced surges, AC power interference, electrostatic discharge and ground loop energies. Typical applications include terminals, file servers, repeaters and main-

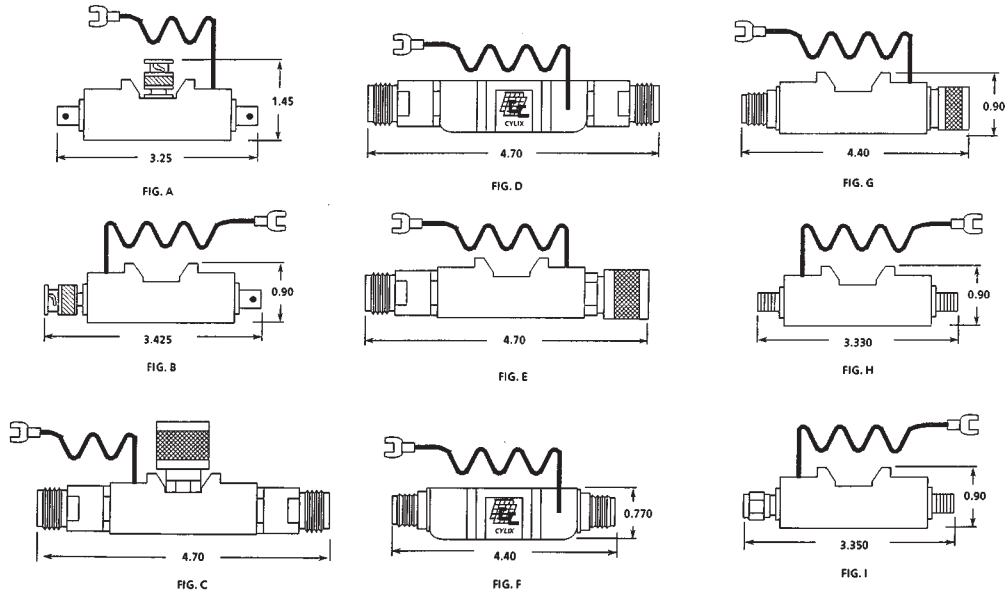
frames using Ethernet, Arcnet, IBM and most other wide-band applications. Versatile, compact CCC Series models integrate high speed avalanche diode technology with low capacitance circuitry, enabling function at a much greater bandwidth without signal degradation.

Standard CCC Series units protect both center and shield circuits. Separate grounding wires provide an isolated path to ground without adding an additional ground connection to the shield or network ground point. CCCs may be specially configured to accommodate other standard connector interfaces (i.e., R, N, TNC, UHF, etc.). A wide selection of clamping voltages is available; contact your factory trained Current Technology representative or call 1-800-238-5000.

**Quality Engineered  
to protect**

▶ Coaxial  
▶ Twinaxial  
communication lines from  
damage and downtime  
resulting from common  
electrical disturbances

CONNECTOR TYPE	SYSTEM APPLICATION AND MODEL NUMBER					
	ETHERNET 10 BASE 2	ETHERNET 10 BASE 5	ARCNET	AS400/3X TWINAXIAL	IBM 3270 CCTV	CABLE TV/ SATELLITE TV
'BNC' Tee Configuration Figure A	CCC-2DT (EN)	—	CCC-2DT (AN)	—	—	—
'BNC' Male/Female Straight Figure B	CCC-2DA (EN)	—	CCC-2DA (AN)	—	CCC-2DA (EN)	—
Twinaxial Tee Configuration Figure C	—	—	—	CC-2BM-T	—	—
Twinaxial Female/Female Figure D	—	—	—	CCC-2BM F/F	—	—
Twinaxial Male/Female Figure E	—	—	—	CCC-2BM F/F	—	—
'N' Series Female/Female Figure F	—	CCC-2DA N (EN) F/F	—	—	—	—
'N' Series Male/Female Figure G	—	CCC-2DA N (EN) M/F	—	—	—	—
'F' Series Female/Female Figure H	—	—	—	—	—	SATV: CCC-FST-F/F CATV: CCC-FCT-F/F
'F' Series Male/Female Figure I	—	—	—	—	—	SATV: CCC-FST-M/F CATV: CCC-FCT-M/F



ELECTRICAL SPECIFICATIONS						
	ETHERNET	ARCNET	TWINAX	IBM 3270 CCTV	CABLE TV	SATELLITE TV
Stand. Clamp Voltage	7.5 Volts	30 Volts	10 Volts	7.5 Volts	7.5 Volts	18 Volts
Peak Pulse Current 8/20(sec.s.c. waveform @ Vc1)	750 Amps	370 Amps	500 Amps	750 Amps	750 Amps	340 Amps
Response Time	< 10 ns	< 10 ns	< 10 ns	< 10 ns	< 10 ns	< 10 ns
Maximum Shunt Capacitance	< 30 pF	< 30 pF	< 30 pF	< 30 pF	< 30 pF	< 30 pF
Series Resistance	none	none	none	none	none	none
Insertion loss @ 40 MHz	-0.5 db	-0.5 db	-0.5 db	-0.5 db	-0.5 db	-0.5 db