

RELIABLE COMMUNICATION FOR LAND MOBILE RADIO

RF, AC, DC, DATA LINE SURGE PROTECTION

SHIPPED SAME-DAY

A working partnership of more than 50 years. A comprehensive range of innovative, reliable surge protection solutions. Engineering backed by close collaboration with regulatory agencies. PolyPhaser and Transtector bring a well-established reputation of providing dependable surge protection solutions for global Motorola LMR applications. Our products protect equipment against disruption and damage from a variety of sources, while also enabling secure, reliable network communications where it's needed most.

Thousands of protection products are available for P25, TETRA and private network architectures. Reliable surge protection products are in stock and available for same-day shipping.
Contact us at +1 (208) 635-6400 or visit www.polyphaser.com and www.transtector.com.

MOTOROLA

PolyPhaser® an INFINITE brand | TRANSTECTOR® an INFINITE brand

AC SURGE PROTECTION

AC Power Strips



ACPS-6N-120SN2-TT

AC power strips purposefully designed for dispatch center applications provide 100% silicon surge protection as well as a grounding/bonding solution for equipment without its own bonding point, such as rack-mounted sliding servers.

- Motorola R56 Type 3 applications
- Dual grounding studs per R56
- Ideal for dispatch centers
- Silicon avalanche suppressor diode (SASD) technology
- 8-foot or 12-foot supply cable options
- Six protected outlets

MSI Part	Part Number	Name	Description	Voltage	MCOV	Mechanical	Receptacle Type	Standards
DSACPS6N120SN2TT	ACPS-6N-120SN2-TT	AC Power Strip, 12'	15 A, Six-Outlet Strip, Silicon	120 Vac Single Phase	143 Vac	12' Cord NEMA 5-15 Plug	Six NEMA 5-15	UL 1449 4th Ed., Listed
DSACPS6N120SN8TT	ACPS-6N-120SN8-TT	AC Power Strip, 8'	15 A, Six-Outlet Strip, Silicon	120 Vac Single Phase	143 Vac	8' Cord NEMA 5-15 Plug	Six NEMA 5-15	UL 1449 4th Ed., Listed

AC Main and Distribution Panels



IMAX 120T

Robust, modular, high surge current capacity AC panel surge protection with visual and remote status indication in an outdoor enclosure.

- Motorola R56 Type 2A and 2B applications
- Visual and remote status monitoring
- Line and load bidirectional protection
- Silicon avalanche suppressor diode
- Outdoor enclosure
- Replaceable modules

MSI Part	Part Number	Name	Technology	Type	Voltage	MCOV	Standards
DSAPEXIMAX808	1101-808-1	IMAX 120T	Silicon/MOV	Type 2A	120/240 Vac Split-Phase	138 Vac	UL 1449 4th Edition, Listed
DSAPEXIMAX809	1101-809-1	IMAX 120W	Silicon/MOV	Type 2A	120/208 Vac 3-Phase WYE	138 Vac	UL 1449 4th Edition, Listed
DSAPEX808M	1101-808-MM-1	IMAX 120T (Metal)	MOV	Type 2B	120/240 Vac Split-Phase	138 Vac	UL 1449 4th Edition, Listed
DSAPEX809M	1101-809-MM-1	IMAX 120W (Metal)	MOV	Type 2B	120/208 Vac 3-Phase WYE	138 Vac	UL 1449 4th Edition, Listed
DSIMAX120SSR	IMAX-120S-SR	Replacement Module	SASD	Any APEX IMAX	Single module 120 Vac	138 Vac	UL 1449 4th Edition
DSIMAX120SMR	IMAX-120S-MR	Replacement Module	MOV	Any APEX IMAX	Single module 120 Vac	138 Vac	UL 1449 4th Edition
DSPV2004803D	B93-00-2830	PV 200 480 3D	MOV	Type 2B	480 Vac 3-phase DELTA	508 Vac	UL 1449 4th Edition, Listed
DSAPEXIVX5240WMR	1101-494	APEXIVX5240WMR	Silicon/MOV	Type 2A	240/415 Vac 3-phase WYE	275 Vac L-N 550 Vac L-N	ANSI/IEEE C 62.41

AC Plug-in Protection


ACPDU-6N-120SN2-TT

AC SASD (silicon avalanche suppressor diode) surge protection devices designed to protect electronic equipment and systems from transient over-voltages. 120 Vac and 240 Vac versions available.

- Motorola R56 Type 3 applications
- 6-outlet and 8-outlet power distribution units available
- Rack-mount 1RU designs
- Line and load bidirectional protection

MSI Part	Part Number	Name	Description	Voltage	MCOV	Mechanical	Receptacle Type	Standards
DSACPDU6N120SN2TT	ACPDU-6N-120SN2-TT	AC PDU, 12'	15 A, 6-Outlet PDU, Silicon	120 Vac Single Phase	143 Vac	12' Cord NEMA 5-15 Plug	Six NEMA 5-15	UL 1449 4th Ed., Listed
DSRMP420B	1101-942	RMP 2-420A-520	20 A, (Fused) 8-Outlet PDU, Silicon	120 Vac Single Phase	138 Vac	(2) 15' Cord NEMA 5-20 Plugs	Eight NEMA 5-20 (4 side A/4 side B)	ANSI/IEEE C62.41
DS1400	1101-560	RMP2-420A-L520	20 A, (Fused) 8-Outlet PDU, Silicon	120 Vac Single Phase	138 Vac	(2) 15' Cord NEMA L5-20 Locking Plugs	Eight NEMA 5-20 (4 side A/4 side B)	ASNI/IEEE C62.41

AC SURGE PROTECTION


SL 120


TS 120-520


IEC 240 V

Solid state silicon AC plug-in devices with status indication.

- Motorola R56 Type 3 applications
- Silicon avalanche diode technology
- Single outlet point of use

MSI Part	Part Number	Name	Description	Voltage	MCOV	Mechanical	Receptacle Type	Standards
DSTS120520SM	1101-557	TS 120-520	Multiple Outlet, Silicon Surge Protector	120 Vac Single Phase	140 Vrms L-N	12" Cord	NEMA 5-20	IEEE C62.41
DSSL120	1104-29-000	SL 120	Type 3 Bi-directional, Silicon Surge Protector	120 Vac Single Phase	150 V	PA66, UL94V-0	NEMA 5-15	UL 1449 4th Edition
DS1101571	1101-571	IEC 240 V	Type 3 Silicon Surge Protector	240 Vac Single Phase	276 Vac	Country-Specific Plugs and Receptacles	IEC C-19, IEC C-20	CE
DSCP2372	1101-084	DQCP 2372	Type 3 Silicon/MOV Surge Protector	120 Vac Single Phase	138 Vac	3' Cord, NEMA 5-15 Plug	Two NEMA 5-15	

POWER DISTRIBUTION

AC Power Distribution


AC Edge 120


AC Edge Breaker

The AC Edge series provides compact (2RU) rack-mount power distribution to address mission-critical needs for electronic storage and backup systems. A scalable design allows support of up to twelve dedicated circuits (six per side). Individual breakers are dedicated to each outlet.

- Motorola R56 Type 3 applications
- Accommodates two 60 A feeds
- Significantly reduces complexity, labor, time and costs
- Over-voltage and over-current protection
- 12 outlets, 6 outlets per side (A/B)
- NEMA 5-15 Receptacles or IEC C13 outlets
- SASD or MOV technology
- Remote alarm capabilities

MSI Part	Part Number	Name	Description	Technology	Voltage	MCOV	Mounting	Standards
DS11011188	1101-1188	AC Edge 120	2RU rack-mount AC distribution panel	Silicon	120/240 Vac, split-phase	138 Vac	Includes brackets for 19" or 23" racks	UL/cUL Listed, E211453
NA	1000-1506	AC Edge Replacement Module	120 V	Silicon for 1101-1188	120 Vac	138 Vac	Fits into the AC Edge Slot	
DS11011173	1101-1173	AC Edge 240	2RU rack-mount AC distribution panel	MOV	220-240 Vac Single-phase P-N-G	250 Vac	Includes brackets for 19" or 23" racks	IEC 60950-1
NA	1000-1471	AC Edge Replacement Module	240 V	MOV for 1101-1173	220-240 Vac	250 Vac	Fits into the AC Edge slot	
DS3750295	3750-295	Airpax Breaker	5 Amp	NA	120 Vac	138 Vac	Bullet connectors	
DS3750296	3750-296	Airpax Breaker	10 Amp	NA	120 Vac	138 Vac	Bullet connectors	
DS3750297	3750-297	Airpax Breaker	15 Amp	NA	120 Vac	138 Vac	Bullet connectors	
DS3750289	3750-289	Airpax Breaker	5 Amp	NA	240 Vac	250 Vac	Spade Terminals	
DS3750290	3750-290	Airpax Breaker	10 Amp	NA	240 Vac	250 Vac	Spade Terminals	

POWER DISTRIBUTION



OP8-20

OP-8 Series power distribution units are optimized for 19” rack-mount applications. Available in 120 Vac and 240 Vac options, these high-speed, high-current, solid state, AC power distribution devices protect eight individual circuits.

- Motorola R56 Type 3 applications
- 3RU height
- Hard wire input – 1 to 8 supply sources
- Various lengths of power cords available
- 8 NEMA 5-20 outlets
- Individual SASD TVSS module for each outlet

MSI Part	Part Number	Name	Description	Technology	Voltage	MCOV	Input Circuits	Standards
DSOP820B	1101-356-1	OP8 20B	20 A branch circuit distribution panel	Silicon	120 VAC single-phase L-N-G	140 Vac	Up to eight individual 120 Vac	UL 60950-1
DSOP820B2	1101-700	OP8 20B2	20 A branch circuit distribution panel	Silicon	240 VAC single-phase L-N-G	250 Vac	Up to eight individual 240 Vac	IEC 61643-1
DS1101378	1101-378	Accessory	19" rack adapter plate	NA	NA	NA	NA	NA
DS11013781	1101-378-1	Accessory	Schroff adapter plate	NA	NA	NA	NA	NA
DS3500072	3500-072	Power Cord	5-20 plug to IEC C-15, 10’ length	NA	NA	NA	NA	NEMA- 5-20P
DS3500055	3500-055	Power Cord	IEC C-15 to IEC C14, 6' length	NA	NA	NA	NA	IEC 60320
DS3500056	3500-056	Power Cord	IEC C-15 to IEC C14, 3-meter length	NA	NA	NA	NA	IEC 60320
DS2400237	2400-237	Plug Adapter	NEMA 5-15R to IEC C14	NA	NA	NA	NA	NEMA 5-15, IEC C14
DS22504612	2250-461-2 & 3600-070	OP 8 TVSS and fuse	Replacement components	NA	NA	NA	NA	NA

AC SURGE PROTECTION

AC Component Protection for Alarm, Lightning and Ancillary Circuits



12R IEP 120-10

Compact, 120 Vac surge protection devices that offer high-performance silicon technology protection.

- Motorola R56 Type 3 applications
- Status indication
- Line and load bidirectional protection
- DIN-rail-mount and wall-mount options

MSI Part	Part Number	Name	Description	Technology	Voltage	MCOV	Standards
DSI2RICP120V	1101-627	I2R ICP 120	Indoor, 120 Vac	Silicon	120 Vac, Single-Phase	138 Vac	UL 1449 4th Edition
NA	1104-15-000	I2R IEP 120-10	Indoor, 120 Vac	Silicon	120 Vac, Single-Phase	150 Vac	UL 1449 4th Edition, RoHS, Haz. Loc. Certified, Class I Div. 2
DSACP100MN	1100-647	ACP 100MN	Indoor, 15 A (Fused), 120 Vac	Silicon	120 Vac, Single-Phase	138 Vac	ANSI/IEEE C62.41

GROUNDING AND PROTECTION PROBLEMS?
Contact us at +1 (208) 635-6400 or email protection@transtector.com to schedule a site audit or discuss private training courses.

DATA LINE SURGE PROTECTION

GbE and PoE Protection


ALPU-F140


1101-959

Protect PoE++ communication networks with high-performance, simple-to-install ALPU Series data line surge protectors. Gain superior technology for indoor and outdoor GbE data applications.

- Motorola R56 telephony, data, signaling, alarm and network circuit protection applications
- RJ-45 Cat5e shielded connector
- Pole/wall mount capable
- GbE, PoE++ protocol
- Indoor/outdoor use
- Compact design

MSI Part	Part Number	Name	PoE	MCOV	Technology	Enclosure	Standards
DSALPUF140	ALPU-F140	ALPU Fit	48 Vdc	60 Vdc	Hybrid	HI UV Polypropylene, IP 65	UL 497B, IEC 60950, IEC 61000-4.5, CE, RoHS
NA	ALPU FIT KIT	Pole-mount kit	NA	NA	NA	NA	Mounting kit designed for ALPU-F140
DS1101959	1101-959	ALPU PTP M	75 Vdc	90 Vdc	Silicon	Die-cast aluminum, NEMA 3R	IEC 60950, IEC 61000-4.5, CE, RoHS, Haz. Loc. Certified, GR-1089 CORE
NA	1000-1164	ALPU Pole-mount kit	NA		NA	NA	Mounting kit designed for 1101-959

Multi-Protocol Protection


CPX GbE


1000-1117

CPX Series products with high density, modular, multi-protocol, coordinated Level I and Level II surge protector for OSP environments.

- Fully loaded chassis
- Replaceable modules
- Compact 1RU
- Dual-Lug grounding studs
- 19" chassis

MSI Part	Part Number	Name	Voltage	MCOV	Mounting	Standards
DSCPX1101984	1101-984	CPX 16-Port 10/100 BT – Fully Populated	5 Vdc	11 Vdc	19" Rack-Mount	UL 497A
DSCPX1101985	1101-985	CPX 16-Port GbE – Fully Populated	3.3 Vdc	11 Vdc	19" Rack-Mount	UL 497A
DSCPX1101986	1101-986	CPX 16-Port T1/E1 – Fully Populated	5 Vdc	11 Vdc	19" Rack-Mount	UL 497A
NA	CPX-16-GBEPOE+	CPX 16-Port GbE/PoE+ – Fully Populated	60 Vdc	70 Vdc	19" Rack-Mount	UL 497B, Haz. Loc. Class 1 Div. 2
DS1101972	1101-972	Rack-Mount Chassis Only			19" Rack-Mount	NA

DATA LINE SURGE PROTECTION

CPX Series continued

DS10001268	1000-1268	CPX Module 10/100 BT	5 Vdc	11 Vdc	Single Module	UL 497A
DSCPX10001269	1000-1269	CPX Module T1/E1	5 Vdc	11 Vdc	Single Module	UL 497A
DSCPX10001270	1000-1270	CPX Module GbE	3.3 Vdc	11 Vdc	Single Module	UL 497A
DS10001117	1000-1117	CPX Module GbE PoE+	60 Vdc	70 Vdc	Single Module	UL 497B, Haz. Loc. Class 1 Div. 2

DATA LINE SURGE PROTECTION


TSJ GbE


TSJ ADP

TSJ Series compact data line surge protection device engineered for T1, Gigabit PoE, GbE, PoE and Ethernet applications.

- Motorola R56 telephony, data, signaling, alarm & network circuit protection applications
- High surge current capacity
- External ground with rack-mount ground bar available (1101-747)
- ¼-20 grounding stud
- Easy to install

MSI Part	Part Number	Name	Technology	Voltage	MCOV	Connector	Standards
DSTSJ48CLT	1101-300-1	TSJ 48 CLT	Silicon	5 Vdc	12 Vdc	Non-shielded RJ-45	UL 497A
DS1101990	1101-990	TSJ GbE	GDT & TBU	3.3 Vdc	11 Vdc	RJ-45 Shielded	UL 497B, RoHS
DSTSJ100BT	1101-620-1	TSJ10/100BT	Silicon	5 Vdc	12 Vdc	Non-Shielded RJ-45	RoHS
DSTSJADP	1101-747	Rack-Mount Ground Bar	Copper	NA	NA	Pre-Drilled Holes	Rack-Mount

Punch-Down Block Protection


PBM 6605

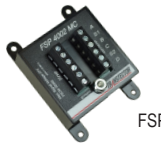

PBM 6605

Reliable silicon data line surge protection for 66 punch-down block applications.

- Motorola R56 telephony, data, signaling, alarm
- Line and load bidirectional protection
- Functions as bridge clip
- Ground bar available

MSI Part	Part Number	Name	Technology	Voltage	MCOV	Connector	Standards
DSCP2327	1101-115	PBM 6605 (POTS)	Silicon-Sidactor	230 Vdc	270 Vpk	IDC Punch-Down	CE, RoHS Compliant
DSPBM6607	1101-162	PBM 6607	Silicon-Sidactor	40 Vdc	45 Vpk	IDC Punch-Down	CE, RoHS Compliant
DS1101621	1101-621	Ground Bar	NA	NA	NA	20-Module Capacity	NA

Two-Pair Signal Protection


FSP 4001 MC

High-speed, high-current, silicon avalanche data line surge protector designed for RS-422, RS-485 and 4-20 mA loops double-wire pair equipment.

- Motorola R56 telephony, data, signaling, alarm & network circut protection applications
- SASD Technology
- Line and load bidirectional protection
- Protects up to two balanced pairs and shields

MSI Part	Part Number	Name	Technology	Voltage	MCOV	Connector	Mounting
DSWPH01	1101-372-1	FSP 4001 MC	Silicon	12 Vdc	13 Vdc	2 Pairs	Wall-mount
DSWPH03	1101-372-3	FSP 4003 MC	Silicon	24 Vdc	27 Vdc	2 Pairs	Wall-mount
DSWPH04	1101-372-4	FSP 4004 MC	Silicon	48 Vdc	54 Vdc	2 Pairs	Wall-mount
DSWPH05	1101-372-5	FSP 4005 MC	Silicon	280 Vdc	290 Vdc	2 Pairs	Wall-mount

CCTV SURGE PROTECTION



CCTV PTZ 1101-810 DPR F

Bidirectional, low-clamping silicon diode surge protection for CCTV cameras with pan/tilt/zoom, coax cable, power and twisted pair.

- Motorola R56 closed-circuit television and security applications
- SASD Technology
- Line and load protection
- Protection products for pan/tilt/zoom coax and twisted pair

MSI Part	Part Number	Name	Technology	Voltage	MCOV	Connector	Mounting	Standards
NA	1101-613	CCTV PTZ 4	Silicon	12 Vdc Data 28 Vac	40 Vdc	BNC Screw Terminal, 2 Pairs	Wall-Mount	NA
NA	1101-704	RMP CCTV 16	Silicon	2 Vdc	7.5 Vdc	16-Port BNC	19" Rack-Mount 2U Height	UL 497B
NA	1101-810	TCP CCTVMF	Silicon	7.5 Vdc	10 Vdc	M/F BNC	Inline	NA

DC SURGE PROTECTION

Component Protection



DRDC 7 I2RICP

Bidirectional, modular, low-clamping silicon diode, DIN-rail-mounted surge protection for DC power and low-frequency data lines operating at up to 10 A.

- Motorola R56direct current systems surge protection applications
- SASD Technology
- Line and load protection
- Replaceable suppression modules

MSI Part	Part Number	Name	Technology	Voltage	MCOV	Standards
NA	1101-678	DRDC 7	Silicon	7 Vdc	13 Vdc	UL 497B,Class 1, Div. 2, RoHS, CE
NA	1101-679	DRDC 12	Silicon	12 Vdc	16 Vdc	UL 497B, Class 1, Div. 2, RoHS, CE
DS1101624	1101-624	I2RICP 12	Silicon	12 Vdc	14 Vdc	UL 497B
NA	1101-680	DRDC 24	Silicon	24 Vdc	32 Vdc	UL 497B, Class 1, Div. 2, RoHS, CE
DS1101625	1101-625	I2RICP 24	Silicon	24 Vdc	28 Vdc	UL 497B
NA	1104-11-002	I2R IEP 48-5	Silicon	48 Vdc	57 Vdc	IEC 61643-1, RoHS
NA	1101-626	I2R ICP 48	Silicon	48 Vdc	57 Vdc	UL 497B

Outdoor DC Protection



DCOD 48-5 1101-1110

DCOD and DC Defender protection solutions utilize SASD technology that provides non-degrading, fast-acting protection for DC power supplies up to 25 A in an outdoor enclosure.

- Motorola R56direct current systems surge protection applications
- SASD Technology
- Outdoor enclosures
- Pole-mount options
- Line and load protection

MSI Part	Part Number	Name	Technology	Voltage	MCOV	Standards
DS11011027	1101-1027	DCOD 48-5	Silicon	48 Vdc	88 Vdc	IP-55, 3R Enclosure
DS11011110	1101-1110	DC Defender	Silicon	48 Vdc	60 Vdc	UL 497B, EN/IEC60950, Haz. Mat. Class 1 Div.2, ATEX, IECEx
NA	1000-1164	Mounting Kit	Metal Enclosure	NA	NA	NA

DC SURGE PROTECTION

Rack-Mount DC Power Distribution


DC Edge III

Compact mid-current, 24 Vdc and 48 Vdc power distribution panels. Multiple combinations for dedicated DC supplies to critical equipment.

- 1RU and 2RU options available
- Multiple breaker and fuse combinations available
- Front-load circuit breaker
- LED status/alarm indication
- Negative polarity

MSI Part	Part Number	Name	DC Fault	Breakers	Indications/Contacts	Voltage	Ground	Standards
DS11011051	1101-1051	DC Edge III	Four input feeds, each 100 A	Four Breakers per Bus, Total 16 Positions, 1-30 A Each	LED, Dry Form C	-24V to -48V	Dual ¼ -20 Studs	UL 60950, NEBS-3V
DSDPP2UA1B1	DPP2U-A1-B1	DPP-PDU	Dual-feed, 450 A per side	10 Breakers Per Side (20), Total 2.5 A to 150 A	LED, Dry Form C	-24V to -48V		UL 60950, CE, NEBS GB 1098
DSDPP2UA1B1S	DPP2U-A1-B1-S	DPP-PDU	Single-feed, 450 A	20 Breakers, 2.5 A to150 A	LED, Dry Form C	-24V to -48V		UL 60950, CE, NEBS GB 1098

RF SURGE PROTECTION

DC Block Bulkhead Coaxial Protectors

Ultra-Low PIM

NEW!


VHF50B43-PGR-BD

Designed to protect multiple or high-power single RF transmitter applications where DC power is not required on the coaxial cable.

- Motorola R56 RF surge protection applications
- High-performance, ultra-low PIM RF protectors for 698 MHz to 2.7 GHz
- Maximum power 750 W
- Bulkhead mount
- Bulkhead mount

MSI Part	Part Number	Name	DC Fault	Breakers	Indications/Contacts	Voltage	Ground	Standards
DSVHF50B43BD	VHF50B43-BD	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Female	100 to 520 MHz	750 W	Bracket Down	DC Block
DSVHF50B43BU	VHF50B43-BU	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Female	100 to 520 MHz	750 W	Bracket Up	DC Block
DSVHF50B43MABD	VHF50B43-MA-BD	4.3-10 Bidirectional	4.3-10 Male	4.3-10 Female	100 to 520 MHz	750 W	Bracket Down	DC Block
DSVHF50B43MABU	VHF50B43-MA-BU	4.3-10 Bidirectional	4.3-10 Male	4.3-10 Female	100 to 520 MHz	750 W	Bracket Up	DC Block
DSVHF50B43MEBD	VHF50B43-ME-BD	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Male	100 to 520 MHz	750 W	Bracket Down	DC Block
DSVHF50B43MEBU	VHF50B43-ME-BU	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Male	100 to 520 MHz	750 W	Bracket Up	DC Block
DSVHF50B43PGRBD	VHF50B43-PGR-BD	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Female	100 to 520 MHz	750 W	Bracket Down	DC Block
DSVHF50B43PGRBU	VHF50B43-PGR-BU	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Female	100 to 520 MHz	750 W	Bracket Up	DC Block
DSVHF50B43MAPGRBD	VHF50B43-MA-PGR-BD	4.3-10 Bidirectional	4.3-10 Male	4.3-10 Female	100 to 520 MHz	750 W	Bracket Down	DC Block
DSVHF50B43MAPGRBD	VHF50B43-MA-PGR-BU	4.3-10 Bidirectional	4.3-10 Male	4.3-10 Female	100 to 520 MHz	750 W	Bracket Up	DC Block
DSVHF50B43MEPGRBD	VHF50B43-ME-PGR-BD	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Male	100 to 520 MHz	750 W	Bracket Down	DC Block
DSVHF50B43MAPGRBU	VHF50B43-ME-PGR-BU	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Male	100 to 520 MHz	750 W	Bracket Up	DC Block

RF SURGE PROTECTION

Ultra Low PIM continued

Designed to protect multiple or high-power single RF transmitter applications where DC power is not required on the coaxial cable.


TSX-DFM-BF

- Motorola R56 RF surge protection applications
- High-performance, ultra-low PIM RF protectors for 698 MHz to 2.7 GHz
- Maximum power 750 W
- PIM Spec <-155 dBC PIM 3rd order
- IBulkhead mount

MSI Part	Part Number	Connector	Antenna	Equipment	Frequency	Power	Mounting Bracket	Type
DSTSXDFMBF	TSX-DFM-BF	DFM Bidirectional	D Female	D Male	698 MHz to 2.7 GHz	500 W	Included	DC Block
DSTSXDFFBF	TSX-DFF-BF	DFF Bidirectional	D Female	D Female	698 MHz to 2.7 GHz	500 W	Included	DC Block
DSTSX4310FMP	TSX-4310-FM-P	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Male	698 MHz to 2.7 GHz	500 W	6 AWG Ring Terminal	DC Block
DSTSX4310FFP	TSX-4310-FF-P	4.3-10 Bidirectional	4.3-10 Female	4.3-10 Female	698 MHz to 2.7 GHz	500 W	6 AWG Ring Terminal	DC Block

Protect multiple or high-power single RF transmitter applications where DC power is not required on the coaxial cable.


VHF50D-PGR

- Motorola R56 RF surge protection applications
- High-performance, ultra-low PIM RF protectors for 100 MHz to 512 GHz
- Flange or bulkhead mount
- PIM Spec <-155 dBC PIM 3rd order
- Maximum power 750 W
- Low let-through voltage and throughput energy

MSI Part	Part Number	Connector	Antenna	Equipment	Frequency	Power	Mounting Bracket	Type
DSVHF50DMAPGR	VHF50HD-MA-PGR	D Connector (M/M)	D Male	D Male	100 MHz to 512 MHz	750 W	Included	DC Block
DSVHF50DPGR	VHF50D-PGR	D Connector (F/F)	D Female	D Female	100 MHz to 512 MHz	750 W	Included	DC Block

DC Block Single Transmitter Coaxial Protectors

DC block broadband HF/VHF/UHF coaxial protector.


IS-B50LN-C2-MA

- Motorola R56 RF surge protection applications
- Multi-strike capacity
- Low throughput energy
- Flange and bulkhead mounting options

MSI Part	Part Number	Connector	Antenna	Equipment	Frequency	Power	Type
DSISB50LNC2	IS-B50LN-C2	N Connector (F/F)	N Female	N Female	10 MHz - 1 GHz	1500 W Down to 50 W, Based on Frequency	DC Block (Turn on 600 Vdc) Bulkhead Mount
DSISB50LNC2MA	IS-B50LN-C2-MA	N Connector (M/F)	N Male	N Female	10 MHz - 1 GHz	1500 W Down to 50 W, Based on Frequency	DC Block (Turn on 600 Vdc) Bulkhead Mount
DSISB50LNC2ME	IS-B50LN-C2-ME	N Connector (F/M)	N Female	N Male	10 MHz - 1 GHz	1500 W Down to 50 W, Based on Frequency	DC Block (Turn on 600 Vdc) Bulkhead Mount
DSISB50HNC2	IS-B50HN-C2	N Connector (F/F)	N Female	N Female	125 MHz - 1 GHz	500 W	DC Block (Turn on 1200 Vdc) Bulkhead Mount
DSISB50HNC2MA	IS-B50HN-C2-MA	N Connector (M/F)	N Male	N Female	125 MHz - 1 GHz	500 W	DC Block (Turn on 1200 Vdc) Bulkhead Mount
DSISB50HNC2ME	IS-B50HN-C2-ME	N Connector (F/M)	N Female	N Male	125 MHz - 1 GHz	500 W	DC Block (Turn on 1200 Vdc) Bulkhead Mount
DSIS50NXC2MA	IS-50NX-C2-MA	N Connector (M/F)	N Male	N Female	125 MHz - 1 GHz	375 W	DC Block (Turn on 600 Vdc), Flange Mount
DQIS50NXC2	IS-50NX-C2	N Connector (F/F)	N Female	N Female	125 MHz - 1 GHz	375 W	DC Block (Turn on 600 Vdc), Flange Mount
DSISB50NXC2ME	IS-50NX-C2-ME	N Connector (F/M)	N Female	N Male	125 MHz - 1 GHz	375 W	DC Block (Turn on 600 Vdc) Flange Mount

RF SURGE PROTECTION

DC Pass Coaxial Protectors



VHF50HN

RF surge protection for all frequency bands, including VHF, UHF, 700/800 MHz and 900 MHz.

- Motorola R56 RF surge protection applications
- Maximum power up to 750 W
- Turn-on voltage 16.5 Vdc
- Flange and bulkhead mounting option

MSI Part	Part Number	Connector	Antenna	Equipment	Frequency	Power	Type
DSTSXDC4310FF	TSXDC-4310FF	4.3-10 Connector (F/F)	4.3-10 Female	4.3-10 Female	700 MHz - 2.7 GHz	500 W	DC Pass
DSTSXDC4310FM	TSXDC-4310FM	4.3-10 Connector (F/M)	4.3-10 Female	4.3-10 Male	700 MHz - 2.7 GHz	500 W	DC Pass
DS1090501WA	109-0501W-A	N Connector (M/F)	N Male	N Female	700 MHz - 1 GHz	750 W	DC Pass
DS1090501WD	109-0501W-D	N Connector (F/F)	N Female	N Female	700 MHz - 1 GHz	750 W	DC Pass
DSVHF50HN	VHF50HN	N Connector (F/F)	N Female	N Female	100 MHZ - 512 MHz	750 W	DC Pass
DSDGXZ06NFNFA	DGXZ+06NFNF-A	N Connector (F/F)	N Female	N Female	800 MHz - 2.5 GHz	300 W	DC Pass
DSCGXZ36NFNFA	CGXZ+36NMNF-A	N Connector (M/F)	N Male	N Female	400 MHz - 1.2 GHz	300 W	DC Pass

MEETING THE REQUIREMENTS OF TODAY'S PUBLIC SAFETY NETWORKS

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E-commerce – Our full line of quality surge production products is available online. It's simple: Click. Ship. Protect.





