

CATV DUAL POWER INSERTER 1218MHZ + Surge protector 100KA



DPI-SPD, Integration of Dual Power inserter & Surge Protective Device represent a new development in Cable TV circuit protection capability .

Supplement a massive 100KA Surge protection offering improved clamping performance to fast over voltage transients

Over RF coaxial cables.

Offer advanced surge protection for active and passive devices over coaxial cable at the HFC networks by integrating directly.

Dual PI also offers a way to connect two separate power sources into one coaxial cable via one inserting device. Saving the needs for additional PI ,and the double insertion loss when divides the load into two power sources.

Philips/C-core/ Magnavox compatible

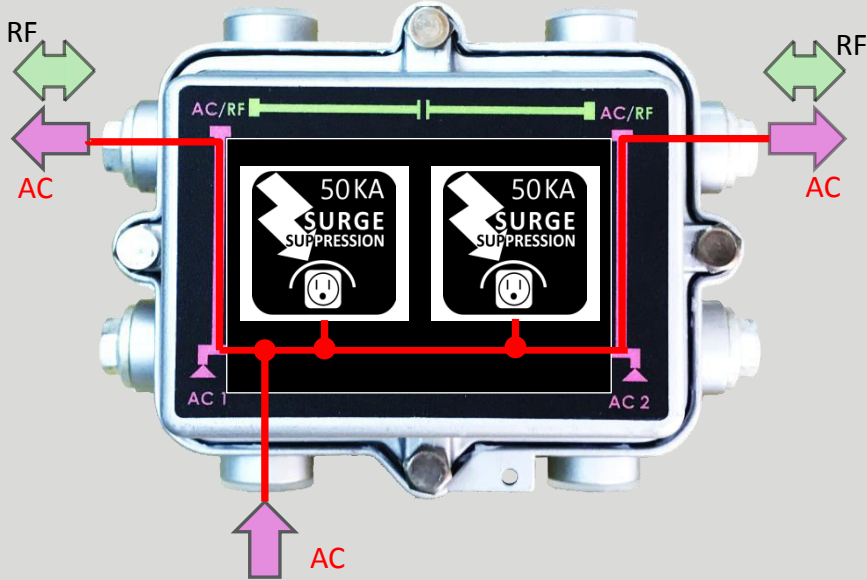
- ✓ Stogner SPD for protecting HFC network & Coaxial cables (100KA)
- ✓ Power inserter & SPD integrated into one device.
- ✓ RED LED monitoring SPD functionality (< 50% surge capability)
- ✓ Green LED Monitoring AC availability.
- ✓ Protecting Active & passive devices over the HFC coaxial networks
- ✓ Low cost.
- ✓ Combine SPD protection 100KA for both directions or divided 50KA to each direction separately.
- ✓ Improve HFC network survivability without the need to add more devices into the network.
- ✓ Supporting 2 x17A 90V 1, 1.2 GHz
- ✓ Easy to install.

DPI-SPD (Dual Power inserter & SPD 100KA) Specification

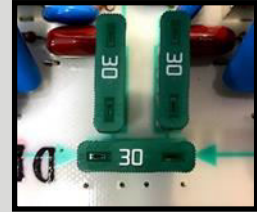
Model	SC-PI-SPD
Electrical	
Input Voltage Taps (Vac) ✓	0-90VAc
Input Frequency (Hz) ✓	50/60HZ
Current Pass(A)	17A
Output Voltage Taps (Vac)	87V
AC1 , AC2 Green LED Indication	
✓ Surge Protection	
Surge Protection – Varistor	✓
Surge Current 8/20 μs	10 SPD x 10KA
SPD Max Voltage Rating	115Vac
Mechanical	
Dimensions (L , W , H) mm	141 X 127 X 112
Weight (Kg/lbs)	1.5Kg /3.3L
Housing Finish (Corrosion protected)	White zinc
Environment	
Operating Temperature	-40°C ÷ +60°C
Storage Temperature	-40°C ÷ +70°C
Water proof +Humidity ✓	Waterproof IPX8 + 0 ÷ 100% condensing
Standard Features	
Output Coax socket	✓
Power Indication Green /Red LED	✓
SPD (< 50% surge capability) Indication /Red LED	✓

RF	
Through loss 5-1000 MHz	< 1.7 dB (+/- 0.3dB)
Return Loss 5-1000MHZ	> 18 dB
RFI	>110 dB
Isolation 5-1000MHZ	>60dB
Hum Modulation	> 65

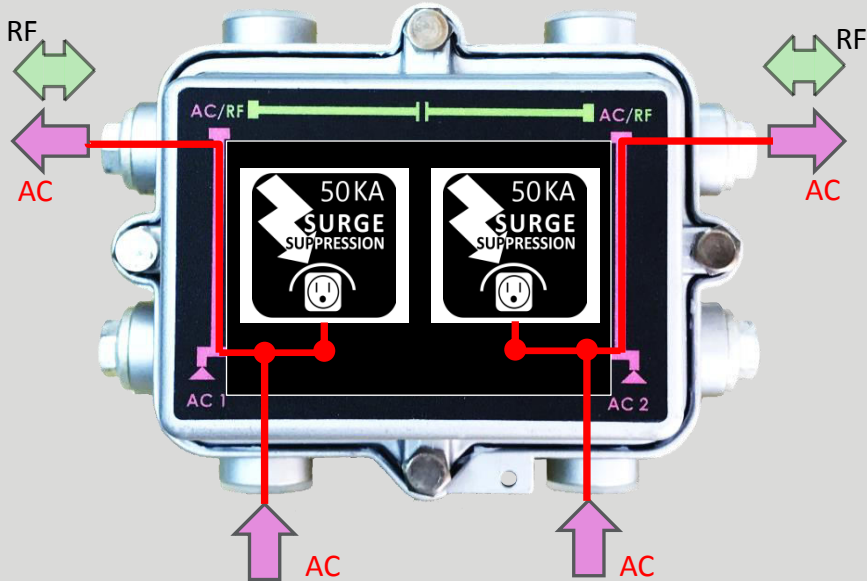
DPI-SPD (Dual Power inserter & SPD 100KA)
Configuration



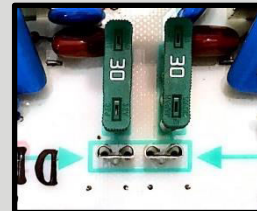
Inner Fuses configuration



Inner side

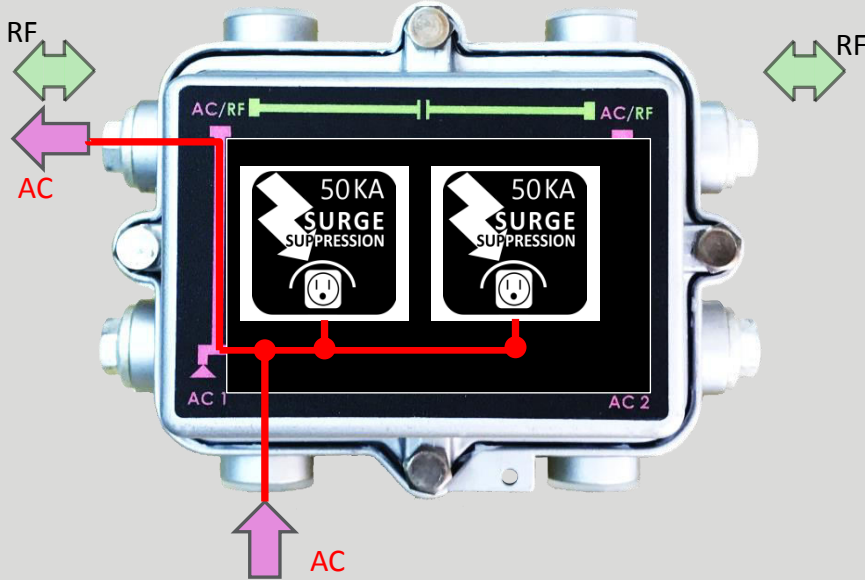


Inner Fuses configuration

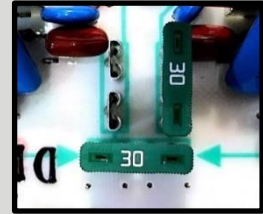


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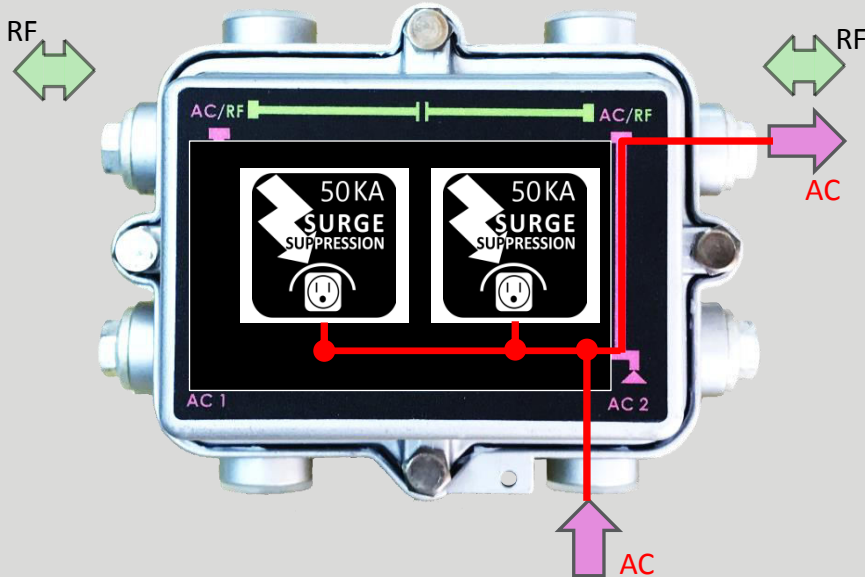
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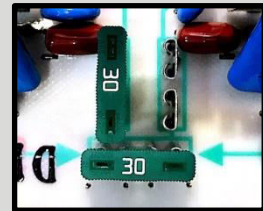
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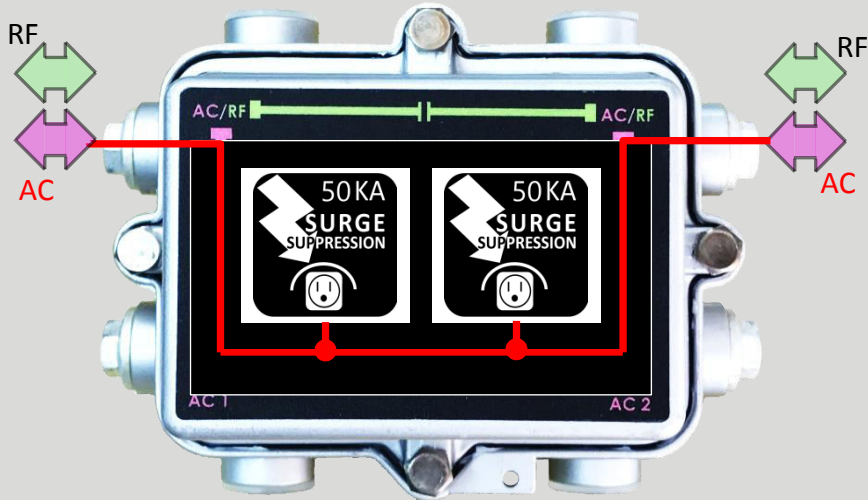


Inner Fuses configuration

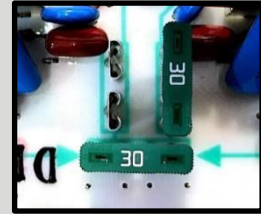


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