

# Data Line Protection

## MODEL

### DLP-5.21-F/F

Female/Female Connector



## MODEL

### DLP-5.21-M/F

Male/Female Connector



Costly digital communications are the norm and protecting equipment like set top boxes, modems and flat panel TVs is vital to ensure uninterrupted operation. The DLP-5.21 protects cable input circuits in this equipment, such as tiny surface mount ICs and conductors that carry the signals. Sensing overvoltage events, the protector safely diverts surges away from sensitive equipment. Installs in minutes using type "F" connectors. Covered by MCG's 20 year "No Nonsense" warranty.

## SPECS

Frequency Range: DC-5GHz  
 DC Turn On (Breakdown): 90-130V  
 Technology: Gas Discharge Tube  
 Insertion Loss:  $\leq 0.1\text{dB}$   
 Return Loss:  $\geq 20\text{dB}$   
 VSWR:  $< 1.2:1$   
 I<sub>peak</sub> (8/20us): 20kA  
 Max Power: 25W  
 Max Current: 10A

Impedance: 75 Ohms  
 Connection Method: Series (bi-directional)  
 Connectors: Type F  
 Grounding: M6 Screw, Bulkhead, Bracket  
 Environmental Rating: IP65  
 Operating Temp: -50° Celsius to +85° Celsius  
 Operating Altitude: 13,000 ft (4,000m)  
 Relative Humidity: 5 to 95% non condensing, up to 100%  
 Weight: 4.4 oz

### Ordering Information

Model DLP-5.21-F/F  
 Model DLP-5.21-M/F

### F connector type

(Female/Female)  
 (Male/Female)

### Dimensions

2.00"L x 1.45"W (50.8mm L x 36.8mm W)  
 2.25"L x 1.45"W (57.2mm L x 36.8mm W)

Optional Mounting Bracket: Model MB-F

