

Surge Protective Device



The **ASCO Model 166** surge protectors are designed for use with sensitive electronic equipment. Model 166 limits excessive voltage and current generated by lightning or static build-up.

The Model 166 offers low signal loss at frequencies up to 4 gigahertz. The unit also has a replaceable protection cartridge (CX-RC). The Model 166 accommodates both bulkhead mount and stud mount. The input and output connections are interchangeable.

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Technical Documentation

Key Specs

- **Voltage:** 0-130 VDC
- **Current:** 1 Amp
- **Connection:** Input: N-Type
Output: N-Type
- **Mounting:** Bulkhead/Stud

General Technical Specifications

Operating Voltage	130 VDC
Clamping Voltage	150 VDC
Operating Current	1 A
Peak Surge Current	10 kA (8 x 20 μs)
Maximum Power	10 Watts
Impedence	50 Ohms
Frequency Range	0 to 4 GHz
Insertion Loss	0.6 dB @ 3 GHz; 1 dB @ 4 GHz
SPD Technology	Gas Discharge Tube (GDT)
Connection Type	N-Type
Operating Temperature	-35°C to +85°C
Dimensions (in / mm)	1.25" H x 1.0" W x 2.5" L [32 x 25.4 x 64 mm]
Weight (oz / kg)	4 oz [0.11 kg]
Limited Warranty	5 years

Features

- Low signal loss
- 5-year limited warranty
- N-Type Connectors

Ordering Information

MODEL

Former Model Name

APPLICATION

166D006S20KXCXN0

Edco™ CX-HFN-FF

(Female-Female)

166D150S10KGCMN0

Edco™ CX-HFN-FM

(Female-Male)