

706 / 202 Series

DS-3 Protector Panel and Coax Rack Mount Module

DS-3 Protector Panel

Unique Coax Gas Tube
Surge Arrester

Provides Lightning and
Power-Line Fault Protection

Return Loss 30 dB Typical

Insertion Loss < 0.1 dB Bandwidth
Range DC-50MHz

Transparent To Analog/Digital
Bi-Directional Transmission

Industry Standard EIA 1U 19"
and 23" Rack Mount



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The 706 Series DS-3 Protector Panel accommodates the 202 Series coax rack mount modules. The panel can accommodate up to six 202 Series modules which consists of 12 coax protectors. Designed specifically for today's high speed digital coax distribution networks, Tii's state-of-the-art DS-3 Protector Panel protects personnel and equipment from lightning and power-induced overvoltage surges on coaxial cable circuits.

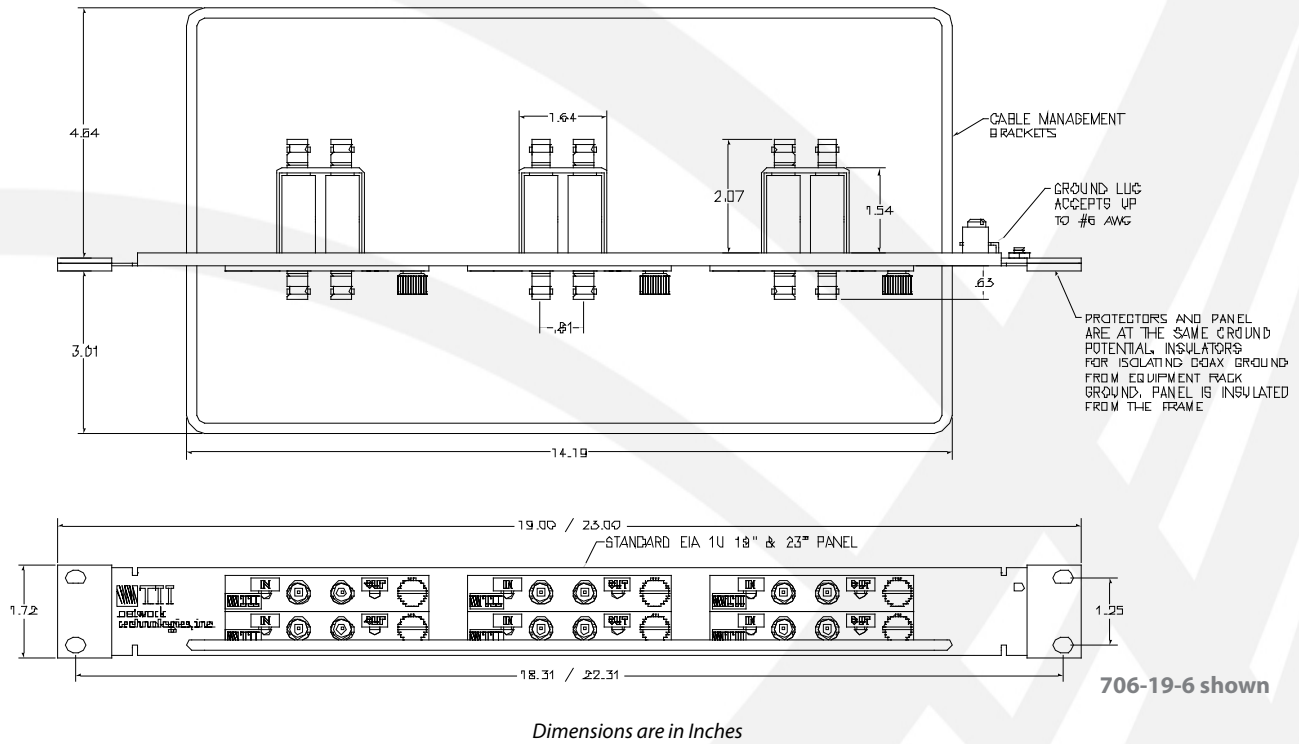
KEY PRODUCT BENEFITS

- ▶ Greatly increases network reliability and significantly improves system survivability
- ▶ Primary coaxial surge protectors limit the magnitude of unwanted induced high-voltage surge currents that may appear on the center conductor of a coaxial cable
- ▶ Unique In-line® design is impedance matched to 75 ohms and is transparent to all analog or digital bi-directional signals transmitted at frequencies from DC to 50MHz
- ▶ Coaxial gas tube protector is equipped with an integral failshort mechanism to protect against power-cross conditions
- ▶ The low impulse breakdown voltage of the protector provides superior protection against transients
- ▶ Robust design, each 202 is equipped with two surge protectors packaged in a metallic housing which provides EMI shielding
- ▶ 202 Series modules are equipped with BNC type female connectors
- ▶ The protector ground of the DS-3 panel model 706 is isolated from the equipment rack ground
- ▶ Cable management brackets are also provided with the DS-3 panel model 706
- ▶ Protection ground provided using Burndy type YA8CL-2TC10-90 compression terminal

INDUSTRY STANDARDS

- ▶ Protectors are listed to UL 497C
- ▶ Meets and exceeds applicable sections of Telcordia GR-2908 "GR for Surge Protectors on Coaxial Lines at Customer Premises"

706 & 202 Series



SPECIFICATIONS

Characteristic Impedance	75 Ohms
Frequency Range	DC - 50MHz
Insertion Loss	< 0.1 dB
Return Loss	30 dB
VSWR	1:1.06
RFI	> 85 dB

ORDERING INFORMATION

Model No.	Description	No. of Coax Rack Modules
706	XX	X
DS-3 Protector Panel	19 = 19" Rack	0 = None
	23 = 23" Rack	1 = One Module (2 Protectors)
		6 = Six Module (12 Protectors)
202	Coax Rack Mount Module Equipped with Two 210FF75B22511 Coax Protectors	