

Outdoor Twisted Pair Lightning Surge Protector,
1 Pair AISG, 1 Pair 18Vdc, 8-Pin Mini DIN

DAS-TP-0001



Features

- Designed specifically for AISG protocol
- Weatherized Enclosure
- Weatherized Mini DIN connectors
- Angle mounting bracket included

Applications

- AISG
- Telemetry

Description

Data surge protector (also known as lightning arrestor) DAS-TP-0001 from PolyPhaser specifically designed to provide optimum protection for telecommunications AISG/telemetry links. Protects critical hardware from lightning and other induced transients while remaining transparent to network control signal traffic.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Data Rate			2.176	Mb/s
DC Operating Current			4	A
Series Impedance (DC)		0.1		Ohms
Impedance		1		Ohms

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge				
Telcordia GR-1089-CORE 10/1000µs			300	A
IEC 61000-4-5 Lightning 8/20µs			10	A
Turn On Voltage (Data)		12		Vdc
Turn On Voltage (DC)		18		Vdc

Mechanical Specifications

Size

Length	4.55 in [115.57 mm]
Width/Diameter	2.82 in [71.63 mm]
Height	2.77 in [70.36 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Outdoor Twisted Pair Lightning Surge Protector, 1 Pair AISG, 1 Pair 18Vdc, 8-Pin Mini DIN DAS-TP-0001](#)

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Weight 0.4355 lbs [197.54 g]

Configuration

Connector 8-Pin Mini DIN Male

Environmental Specifications

Temperature

Operating Range -40 to +65 deg C

Environmental Specification Notes:

MEETS BELLCORE #TA-NWT-000487 PROCEDURE 4.11, WIND DRIVEN (70 MPH) RAIN INTRUSION TEST

Installation

Mount Type Bracket

Compliance Certifications

UL Compliance None

Plotted and Other Data

Notes:

PolyPhaser protects and increases the reliability of global RF communications networks, including transportation, telecommunications, defense, security and industrial applications, with superior RF surge protection technologies including DC Block, DC Pass and Ultra Low PIM. Backed by responsive service and expert technical support PolyPhaser continually expands its product offering and services to serve engineers' urgent needs for RF components in mission critical communication networks.

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URL: <https://www.polyphaser.com/surge-protector-1-pair-aisg-18vdc-das-tp-0001-p.aspx>

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DAS-TP-0001 CAD Drawing

