210 BNC Series

In-Line® Coaxial Surge Protector

Improves Network Reliability and Survivability
Provides Lightning And Powerline Fault Protection
Features Integral Failshort Mechanism
Return Loss 30dB Typical
Insertion Loss Typical 0.2 dB
Bandwidth Range DC-50MHz
Transparent to Analog/Digital Bi-directional Signal Transmission
Listed to UL 497C

Designed specifically for today's Broadband Coax distribution networks, Tii's state-of-the-art In-Line® Coaxial Surge Arrester protects personnel and equipment from lightning and power-induced excess voltage 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 surges
- The DC breakdown voltage of the protector provides superior protection against transient surges
- Robust design, with a metallic housing, provides adequate EMI shielding
- Housing is environmentally sealed against moisture and humidity that is normally encountered in above-ground outside plant environments
- Equipped with BNC type connectors

INDUSTRY STANDARDS

- Listed to UL 497C
- Meets and exceeds applicable Telcordia GR-2908 for Surge Protectors on Coaxial Lines at Customer Premise
210 BNC Series

Dimensions are in Inches

S P E C I F I C A T I O N S

<table>
<thead>
<tr>
<th>Characteristic Impedance</th>
<th>75 Ohms</th>
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<tbody>
<tr>
<td>Frequency Range</td>
<td>DC-50MHz</td>
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<tr>
<td>Insertion Loss</td>
<td>&lt; 0.3 dB / 0.2 dB Typical</td>
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<tr>
<td>Return Loss Typical</td>
<td>30 dB</td>
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<tr>
<td>VSWR</td>
<td>1:1.06</td>
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<tr>
<td>RFI</td>
<td>&gt; 85 dB</td>
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O R D E R I N G
I N F O R M A T I O N

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<tr>
<th>Model No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>210FF75B22511</td>
<td>Female/Female Connector Configuration, “BNC” Type Connector</td>
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<tr>
<td>210FF75B225111</td>
<td>Female/Female Connector Configuration, “BNC” Type Connector with 6” Inch #12 Ground Wire</td>
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