

Coaxial Surge Protectors (SPD's)

Part Number: **FT-ARR (60)**



Features:

- High reliability protection from surges caused by lightning or other electrical transients
- High energy / low capacitance GDT technology
- High durability and RoHS Compliant
- Low insertion loss
- High frequency and bidirectional



100% Lead-Free (RoHS Compliant)

Electrical Characteristics	
Frequency Range	DC - 1GHz
DC Breakdown (Turn-On) (100V/s)	≥ 180V
Impulse Breakdown (8/20 us)	≤ 1200V
Technology Type	Gas Discharge Tube (GDT)
Insertion Loss	< 0.2dB
Return Loss	≥ 14dB
VSWR	< 1.2:1
Maximum Power	10W
Maximum Current (8/20 us)	2kA (10 times), 10kA (1 time)
Impedance	75 Ω
Insulation Resistance (at 50V _{dc})	≥ 1000M Ω

Mechanical Characteristics	
Connector Type	FT Type
Connection Method	Series (Bidirectional)
Grounding	None
Weight	102g (3.60oz)

Environmental Characteristics	
Operating Temperature Range	-40°C to +60°C (-40°F to 140°F)
Maximum Operating Altitude	2000m (6562ft)
Relative Humidity	≤ 90%

Applications:

- CATV Amplifiers
- Communication Devices
- Transmitters and Receivers
- Antenna Systems
- High Frequency Coaxial Lines using FT-type Connectors

■ External view

