RF Port

Broadband Equipment Protection

Bourns® PortNote® solutions provide protection recommendations for typical port threats.

Solution Products

2031-15T-SM-RPLF

TBU-CA050-500-WH

CDSOD323-T05LC

Objective

Exposed RF ports require a high-level of surge protection and a low insertion loss. This solution offers protection capability of 6 kV (10/700 µs waveform) with minimal insertion loss.

Solution

1 Fast-Acting Gas Discharge Tube (GDT):
2031-15T-SM-RPLF

1 TBU® High-Speed Protector (HSP):
TBU-CA050-500-WH

1 TVS Diode Array:
CDSOD323-T05LC

Compliance*

6 kV, 10/700 surge

Alternate Recommendations

CDSOD323-TxxLC for various voltage options.

Benefit

Provides both overcurrent and overvoltage protection, high-speed performance and low let-through energy.

Request Sample

To order samples, click on the "Request Sample" button.

*Schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.