

7/16 F/F Coaxial RF Surge Protector, 800MHz - 2.25GHz,
 DC Block, Quarter Wave Stub, Low PIM



QWP-DFDFB

Features

- Broadband Performance from 800 to 2,250 MHz
- DC Block Topology
- Bi-directional, Repetitive Strike Protection
- Low PIM

Applications

- Distributed Antenna Systems (DAS)
- Emergency Response Systems
- Public Safety Systems
- Cellular

Description

RF surge protector (also known as lightning arrestor) QWP-DFDFB from PolyPhaser utilizing a quarter wave stub design to protect critical hardware while maintaining the RF performance. This RF surge protector component is manufactured in a coaxial in-line design with wide operating frequency range. PolyPhaser's RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type	Quarter Wave Stub			
DC Handling	DC Block			
Description	Minimum	Typical	Maximum	Units
Frequency Range	0.8		2.25	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.2	dB
Passive Intermodulation			-150	dBc
Input Power, CW			500	Watts

Mechanical Specifications

Size	
Length	3.57 in [90.68 mm]
Width/Diameter	2.95 in [74.93 mm]
Height	1.1 in [27.94 mm]
Weight	1.2 lbs [544.31 g]
Housing Material and Plating	Brass, Tri-Metal

Configuration

Input Connector	7/16 DIN Female
Output Connector	7/16 DIN Female

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[7/16 F/F Coaxial RF Surge Protector, 800MHz - 2.25GHz, DC Block, Quarter Wave Stub, Low PIM QWP-DFDFB](#)

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Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Compliance Certifications

RoHS Compliant

Yes

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/7-16-surge-protector-2.25ghz-quarter-wave-stub-qwp-dfdfb-p.aspx>

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QWP-DFDFB CAD Drawing

