

4.3-10-Male to 4.3-10-Female Low PIM Quarter Wave Protector, 555MHz to 4.2GHz



QWP-43M43F-ER

Features

- Extended Range Broadband Performance from 555 to 4200 MHz
- DC Block Topology
- Repetitive Strike Protection
- Low PIM

Applications

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

Description

RF surge protector (also known as lightning arrestor) QWP-43M43F-ER 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 RF surge protector products are available in stock with same day shipping.

Electrical Specifications

Surge Protector Type
DC Handling

Quarter Wave Stub
DC Block

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.555		4.2	GHz
Impedance		50		Ohms
VSWR			1.18:1	
Insertion Loss			0.1	dB
Passive Intermodulation			160	dBc
Input Power, CW			500	Watts
Surge Current IEC 61000-4-5 8/20μs			50	kA

Mechanical Specifications

Size

Length	2.77 in [70.36 mm]
Width/Diameter	0.98 in [24.89 mm]
Height	1.47 in [37.34 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[4.3-10-Male to 4.3-10-Female Low PIM Quarter Wave Protector, 555MHz to 4.2GHz QWP-43M43F-ER](#)

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Weight	0.5 lbs [226.8 g]
Housing Material and Plating	Brass, Tri-Metal
Configuration	
Input Connector	4.3-10 Male
Output Connector	4.3-10 Female

Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C

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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QWP-43M43F-ER CAD Drawing

