

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	Quarter Wave Stub			
DC Handling	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			50	kA
IEC 61000-4-5 8/20 μ s				

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](#)

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



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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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URL: <https://www.polyphaser.com/4.3-10-surge-protector-4.2ghz-quarter-wave-stub-qwp-43m43f-er-p.aspx>

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QWP-43M43F-ER CAD Drawing

