



4.3-10-Male to 4.3-10-Female Low PIM Quarter Wave Protector, 555MHz to 4GHz

RF Surge Protectors Technical Data Sheet

ALQP-43M43F-ER

Features

- Extended Range Broadband Performance from 555 to 4000 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) ALQP-43M43F-ER from L-com 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. L-com 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	GHz
Impedance		50		Ohms
VSWR			1.18:1	
Insertion Loss			0.1	dB
Passive Intermodulation			160	dBc
Input Power, CW			200	Watts
Surge Current IEC 61000-4-5 8/20 μ s			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]
 Weight 0.4 lbs [181.44 g]
 Housing Material and Plating Brass, Tri-Metal

Configuration

Input Connector 4.3-10 Male

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 4GHz ALQP-43M43F-ER](#)



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Output Connector 4.3-10 Female

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Our portfolio includes cable assemblies, connectors, adapters and custom products, as well as their wireless product line which includes antennas, RF amplifiers, coaxial lightning and surge protectors, and NEMA rated enclosures.

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URL: <https://www.l-com.com/4.3-10-surge-protector-4ghz-quarter-wave-alqp-43m43f-er-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume any liability arising out of the use of any part or documentation.

ALQP-43M43F-ER CAD Drawing

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