



Miniature Diplex Filter

ESDPF - Miniature Diplex Filter

Diplex filters are three port devices with a common port, a lowband port and a highband port. They are used to combine or isolate two different bands of frequencies. Models are available in a wide variety of crossover frequencies. Eagle's diplex filters are the sharpest available on the market.

Electrical Specifications

Model Number	Lowpass Passband (MHz)	Highpass Passband (MHz)
ESDPF - 42/54	0 - 42	54 - 1500
ESDPF - 65/85	0 - 65	85 - 1500
ESDPF - 85/102	0 - 85	102 - 1500
ESDPF - 88/108	0 - 88	108 - 1500
ESDPF - 120/150	0 - 120	150 - 1500
ESDPF - 204/258	0 - 204	258 - 1500
ESDPF - 400/500	0 - 400	500 - 1500

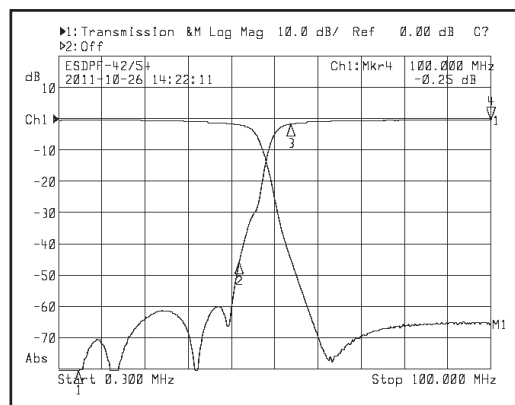
Insertion Loss: -1.0 dB

Temperature Range: -40° F to +140° F

Isolation: -40 dB min

Impedance: 75 Ohms

Connectors: "F" Type



Mechanical Specifications

Mounting Hole to Mounting Hole 2.012" Body 1.66" Long x 1.00" Wide x .63" High

Application

Typically used in the headend to combine or separate the upstream and downstream signals. Also used with a variety of test equipment to isolate specific bands of frequency for testing and eliminate overload.



Custom Diplex Cross Overs Available Per Request

Eagle Comtronics Inc. is a leading manufacturer of RF products. We offer many products as well as quick response on custom request. For more information email our sales staff :

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