

Passive Products

Description

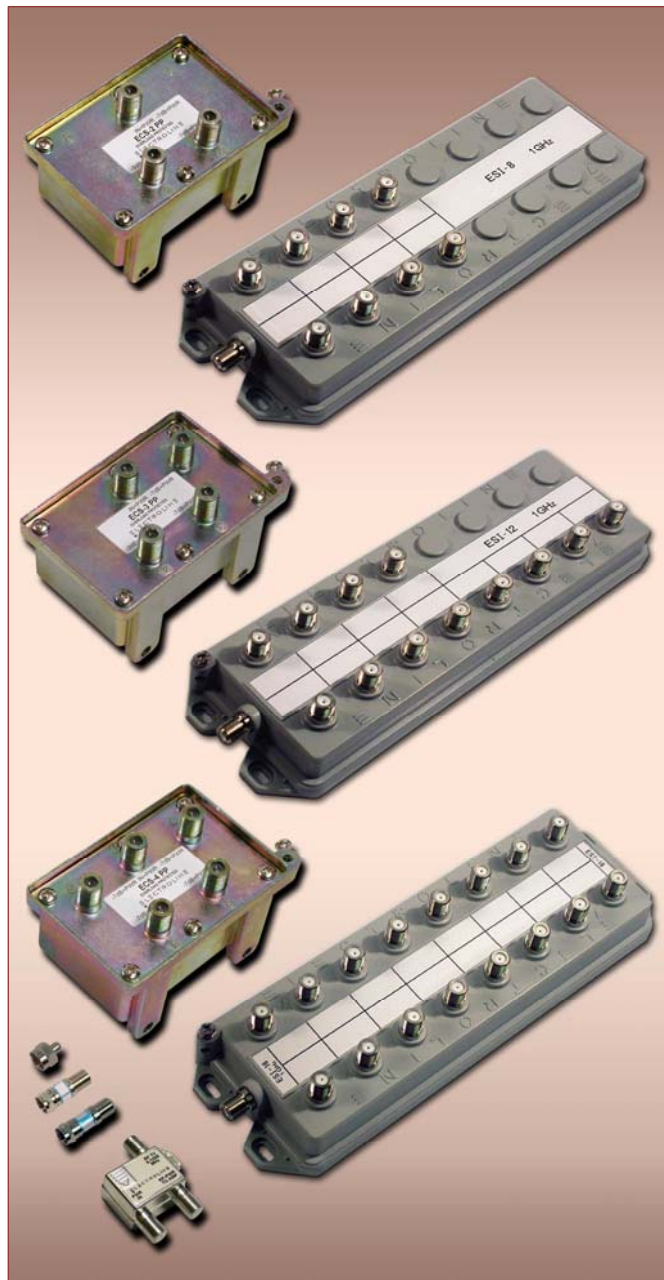
Electroline offers a variety of passive RF products to support the interconnection of the various product lines. They can be used to distribute RF signals over 75 ohm broadband coaxial cable networks having a bandwidth from 5 up to 1002 MHz. Splitters, directional couplers, power inserters, attenuators, terminators and power blocks are among the choices. There are power passing versions of splitters and directional couplers for use when it is necessary to transmit power that is multiplexed together with the RF communication signals. This facilitates the powering of active devices connected by coaxial cable.













Product Categories






- Splitters
- Directional Couplers
- Attenuators
- Terminators
- Power Blocking Filters
- Power inserters

Common Specification:

- Bandwidth: 5 to 1002 MHz.
- Return Loss: > 18 dB
- Impedance: 75 ohm
- Input and output port type: F



RF Splitters		Insertion loss (in to out) @ 50/550/1000 MHz
	Model ECS-2, 2-PORT SPLITTER	3.4/3.7/4.3 dB
	Model ECS-3, 3-PORT SPLITTER	Output 1&2: 3.4/3.7/4.3 dB Output 3: 6.6/7.0/7.9 dB
	Model ECS-3B, Balanced 3-PORT SPLITTER	5.4/5.8/6.7 dB
	Model ECS-4, 4-PORT SPLITTER	6.6/7.0/7.9 dB
RF splitters with 0.5 amp power passing rating		Insertion loss (in to out)
	Model ECS-2 PP, 2-PORT SPLITTER	3.4/3.7/4.3 dB
	Model ECS-3 PP, 3-PORT SPLITTER	Output 1&2: 3.4/3.7/4.3 dB Output 3: 6.6/7.0/7.9 dB
	Model ECS-3B PP, balanced 3-PORT SPLITTER	5.4/5.8/6.7 dB
	Model ECS-4 PP, 4-PORT SPLITTER	6.6/7.0/7.9 dB
RF directional coupler with 0.5 amp power passing rating		Insertion loss (in to out)
	Model ECT-8 PP, 8dB, POWER PASS all ports	Tap Loss: 8.7/7.9/7.9 dB Through Loss: 1.3/1.7/2.4 dB
	Model ECT-12 PP, 12dB, POWER PASS all ports	Tap Loss: 11.9/11.7/12.2 dB Through Loss: 0.7/1.0/1.5 dB
	Model ECT-16 PP, 16dB, POWER PASS all ports	Tap Loss: 16.0/15.8/16.2 dB Through Loss: 0.6/0.9/1.4 dB
RF Splitters		Insertion loss (in to out)
	Model ESI-8 1GHz SL, 8 port	10.0±0.5 dB 5 @ 10 MHz 10.5±1.2 dB 10 @ 750 MHz 11.5±1.6 dB 750 @ 1000 MHz
	Model ESI-12 1GHz SL, 12 port	13.5±0.6 dB 5 @ 10 MHz 14.0±1.5 dB 10 @ 750 MHz 15.6±2.1 dB 750 @ 1000 MHz
	Model ESI-16 1GHz SL, 16 port	13.5±0.6 dB 5 @ 10 MHz 14.0±1.5 dB 10 @ 750 MHz 15.6±2.1 dB 750 @ 1000 MHz

Attenuators Models		Insertion loss (in to out)
	PAD-M-3dB PAD-M-6dB PAD-M-10dB PAD-M-16dB PAD-M-20dB	3 dB 6 dB 10 dB 16 dB 20 dB
75 Ohm Terminators Models		AC Voltage Rating
	TRF75	
Power Blocking Filter		AC Voltage Rating
	BCF-M	60 Vac
Power Inserters Models		Ratings
	EDAICF-MINI Typically used with Drop Amp, Micronode (ED2, ED3, ED4 series) and SuperCat	Voltage: 100V QSW max., 100VDC max Current: 500 ma max
	EDXA-PI-0 Typically used with Mini Node (ED1 series)	Voltage: 50VDC max. Current: 1 A max

1. Specifications are subject to change without notice. Insertion loss as specified is typical.

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