

Product Overview

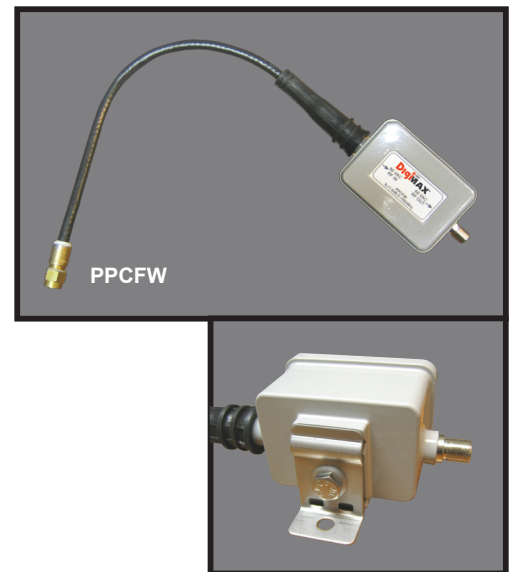
Power Passing In Line Converter:

Features:

- ▶ Ideal for powering down the drop to the subscriber premise at a lower AC voltage
- ▶ Passes RF
- ▶ Converts 90-60 VAC at >85% efficiency
- ▶ Built-in PTC based short circuit protection
- ▶ Rated for 100mA RMS current
- ▶ Surge withstand - C62.41 Cat A3 6kV, 200A Ringwave

Electrical Specifications

ELECTRICAL SPECIFICATIONS	
	PPCFW (Fat Wire)
INPUT	
INPUT VOLTAGE	87 VAC Quasi Square Wave
RANGE	45 to 110 VAC
FREQUENCY	50 to 60 Hz
POWER	6 VA
MAX POWER	10 VA
EFFICIENCY	> 85%
SHORT CIRCUIT PROTECTION	PTC Protected (BBR550)
OUTPUT	
OUTPUT VOLTAGE	60 VAC
RANGE	35 to 73 VAC
CURRENT	100 mA
RF OPERATION	
RANGE	5 to 1000 MHz
INSERTION LOSS	1 dB (max)
RETURN LOSS	18 dB (min) (20 dB @ 860 MHz)
RFI	100 dB (min)
OTHER	
OPERATING TEMPERATURE	-40°C to +60°C (-40°F to +140°F)
SURGE WITHSTAND	ANSI 81 C62.41 Cat A3 6kV, 200A Ringwave
HOUSING	Powder Coated Aluminum Diecast; Pressure Test: No Leakage at 15 PSI; Salt Spray: Withstand 1000 hrs as per ASTM 117B
CONNECTORS	Brass Female F Port accepts RG 59 and 6; SCTE Compliant
SIZE (approx.)	2.0"H x 3.0"W x 3.0"D (5.08H x 7.62W x 7.62D cm)
WEIGHT (approx.)	0.5 lbs (0.23 kg)
LABEL	Located on Housing Lid, Indicates Port Orientation, Survives 3000 hrs UV (as per ASTM G-23) with Less than 25% Loss of Colour
INPUT PORT CONNECTORIZATION	60 cm (2 ft) RG 59 QUAD SHIELD Jumper Fastened to F Port on Device; PROTEX Weather Boot
INPUT PORT ID	90 VAC+RF
OUTPUT PORT CONNECTORIZATION	Brass Female F Port
OUTPUT PORT ID	60 VAC+RF



Ordering Information

Part Number	Description
PPCFW	Power Passing Converter (Fat Wire)