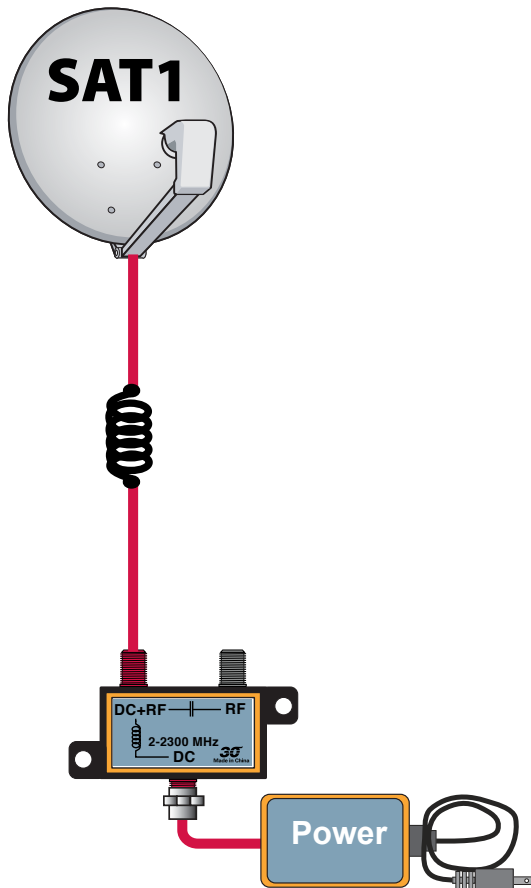
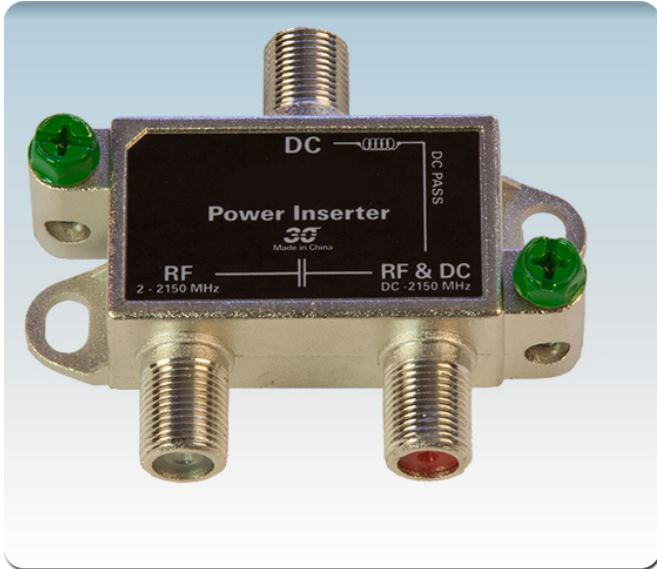


# (1) COAX POWER INSERTER SINGLE DIRECTION



## DC Power Inserter

- Passes 1 to 2400 MHz, "RF" to "RF+DC"
- Inserts DC to "RF+DC" Port
- Blocks DC from "RF+DC" to "RF" Port
- F-Female Connector for DC Input
- F-Female Connector for RF Input
- F-Female Connector for RF Output

Parameter	Unit	HRFPI
Frequency Range		
RF PORT	MHz	1 to 2400
RF+DC PORT	MHz	DC, 1 to 2400
DC PORT	MHz	DC
Connectors		
DC (INPUT / OUTPUT)	each	(1) F-Female
RF + DC (INPUT)	each	(1) F-Female
RF + DC (OUTPUT)	each	(1) F-Female
Loss RF+DC to RF PORT		
DC passing		NO
SWM FSK (2.3 MHz)	dB	< 0.5
7 - 42 MHz	dB	< 0.5
54 to 625 MHz	dB	< 0.5
625 to 2150 MHz	dB	< 1.5
2150 to 2400 MHz	dB	< 2.0
Rejection RF to DC		
FSK 2.3 MHz	dB	> 26
7 - 42 MHz	dB	> 45
54 to 625 MHz	dB	> 60
625 to 2150 MHz	dB	> 35
2150 to 2400 MHz	dB	> 35
Return Loss RF+DC PORTS		
FSK 2.3 MHz	dB	>14
7 - 42 MHz	dB	>14
54 to 625 MHz	dB	>14
625 to 2150 MHz	dB	> 13
2150 to 2400 MHz	dB	> 11
DC Power pass		
Dc to (2) RF+DC PORTS	Amp	3 (max)
Grounding Block	(2) ea	NEC 2008 250.126 10 gauge copper
Dimensions L x W x H	Inch	2.0 x 2.3 x 0.7
Environmental		Indoor Only
Operating Temperature	°C	-34 to + 60