

Power Adapters

DCP/DCB Bias Tee Power Inserters & Autoranging Power Adapters

General Description:

The **DCP** and **DCB** are designed to permit independent power supply operation for LNBS, LNAs and line amplifiers by providing a method for breaking the DC continuity and reinserting DC power. It functions as a conventional Bias Tee, providing power on the input port and DC isolation on the output port. Voltages between 5 and 24 vdc can be applied to the solder "J" hooks of the **DCB** to facilitate varying powering requirements.



DCP2150 DC Block/Power Inserter

Specifications:*	DCP21501FK000
Operating Frequency:	270-2150 MHz
Insertion Loss:	1.0 dB ± 1.0 dB
Frequency Response:	0.6 dB
Return Loss:	14 dB
Input Voltage:	100–240 VAC @ 50-60 Hz
Output Voltage:	18 V @ 1 A
RF Connectors:	F-Type, BNC 75 Ω or 50 Ω
DC Connectors:	Terminal Block
Mechanical:	3.25" H x 3.25" W x 1.25" D
Weight:	2.0 lb Gross (Boxed) 1.6 lbs Net
Certifications:	CE

*Specifications may vary with connector type. See individual specification sheet for specific performance data.



DCB2150 DC Block/Power Inserter

Specifications:*	DCB21501FK000
Operating Frequency:	270-2150 MHz
Insertion Loss:	1.0 dB ± 1.0 dB
Frequency Response:	± 1.0 dB
Return Loss:	14 dB
DC Current:	1 A
RF Connectors:	F-Type, BNC 75 Ω or 50 Ω
DC Connectors:	Terminal Block (Feed Through Terminal)
Mechanical:	3.25" H x 3.25" W x 1.25" D
Weight:	.9 lb Gross (Boxed) .4 lbs Net
Certifications:	CE

*Specifications may vary with connector type. See individual specification sheet for specific performance data.



RPSUF Autorange Power Adapter

Specifications:	RPSUFAUTORANGE
Input Voltage:	100-240 VAC @ 50-60 Hz
Output Voltage:	18.0 VDC (Regulated)
Output Current:	3.0 A Max. Load
Output Wattage:	40 W
Color:	Black
Dimensions:	1.3" H x 2.6" W x 4.2" L
Cord Length:	5 ft.
Weight:	.75 lbs
Agency Approvals:	UL, CUL, CE, ROHS



18VDC 1-Amp Wall Adapter

Specifications:	RPSUFBK181A57D181
Input Voltage:	100-240 VAC @ 50-60 Hz
Output Voltage:	18.0 VDC
Output Current:	1 A
Output Wattage:	30 W
Power Indicator:	No
Color:	Black
Dimensions:	1.2" H x 2.2" W 3.2" L
Cord Length:	6 ft.
Weight:	0.3 lbs
Agency Approvals:	UL, CUL, CE