

15 V Coaxial Power Supply

VERSION: 1.2

200 KHz – 10000 MHz

Product Code: MISC-A0080

SPECIFICATIONS:

Product codes:		
MISC-A0080		Coaxial power supply up to 10 GHz
Electrical – RF:		
Frequency range		200 KHz – 10 GHz
VSWR		< 2.0:1 below 6 GHz < 2.5:1 above 6 GHz
Nominal input impedance		50 Ω
Insertion loss (dB)		< 2 below 6 GHz < 3 above 6 GHz
RF input power (max.)		30 dBm
Electrical – power supply:		
Input	AC	100 – 240 V~ 50 – 60 Hz
	DC	20 – 30 V, 500 mA
Output	Voltage	15 VDC ± 2.5
	Current (max.)	400 mA
Connectors:		
AC power input		IEC
DC power input		62IN-57A-10-2P
RF signal		2 x N-type female
Mechanical:		
Dimensions (l x w x h)		192 mm x 150 mm x 80 mm
Shipping dimensions		245 mm x 210 mm x 110 mm
Total weight		1.3 kg
Environmental: designed to meet the following specifications		
Temperature (operational)		-40 °C to +70 °C
Temperature (storage)		-40 °C to +85 °C
Water and dust resistance		IP55

PRODUCT FEATURES:

- Wideband, 0.2 – 10000 MHz
- Low insertion loss
- High current capability
- Rugged construction
- Automatic input voltage ranging
- Overload protection with fault indicator

APPLICATIONS:

- Power for active antennas
- Biasing amplifiers

RELATED PRODUCTS:

- MONO-A0012
- MONO-A0029
- OMNI-A0098
- OMNI-A0107
- DF-A0038
- DF-A0062

PRODUCT DESCRIPTION:

A wideband 15 V coaxial power supply used to remotely bias active antennas and amplifier.

It injects regulated DC voltage on coaxial connector while allowing RF signal to pass through with minimum loss.

Internal power conditioning and filtering ensures a clean supply of power to the antenna with no RF noise from the power line or external or internal sources.