

15 V Coaxial Power Supply

100 kHz – 6 GHz

Product Code: MISC-A0022 and MISC-A0066



PRODUCT FEATURES:

- Wideband, 0.1 – 6000 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

SPECIFICATIONS:

Product codes	
MISC-A0022-01	Single supply
MISC-A0022-05	Single channel supply with on/off control board
MISC-A0066-01	Dual-channel supply
Electrical:	
Frequency range	100 kHz – 6 GHz
AC input	110 – 120 or 220 – 240 V 50 – 60 Hz
DC input	20 – 30 V, 500 mA
Output voltage (before bias tee)	15 VDC ± 2.5 V
DC output current (max)	400 mA
RF input power (max)	30 dBm
AC power connector	IEC
DC power connector	
MISC-A0022/66-01	Amphenol MS3102A-10SL-3S
MISC-A0022-05	Amphenol MS3102A-14S-6S
RF connectors	N-type female
VSWR	< 1.5:1 below 3 GHz < 2.0:1 above 3 GHz
Nominal input impedance	50 Ω
Insertion loss	< 1.4 dB below 3 GHz < 2.4 dB above 3 GHz
Mechanical:	
Dimensions (l x w x h)	195 x 150 x 80 mm
Packed dimensions	245 x 210 x 110 mm
Total mass	1.3 kg
Environmental: designed to meet the following specifications	
Temperature (operational)	-40°C +70°C
Temperature (storage)	-40°C +85°C
Water and dust resistance	IP55

PRODUCT DESCRIPTION:

A wideband 15 V coaxial power supply used to bias active antennas or amplifiers.

It is available as a single-channel (MISC-A0022-01), single channel supply with on/off control board (MISC-A0022-05) or dual-channel (MISC-A0066-01).

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.