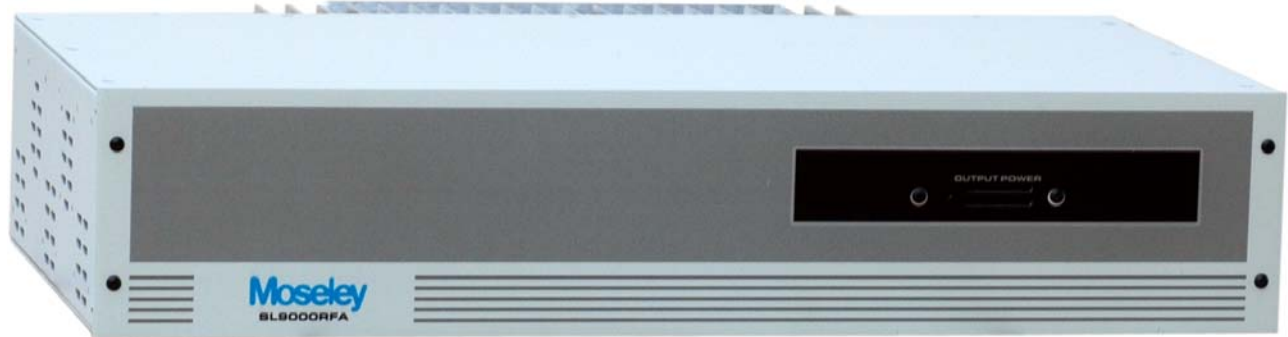


SL9000RFA

RF Power Amplifier

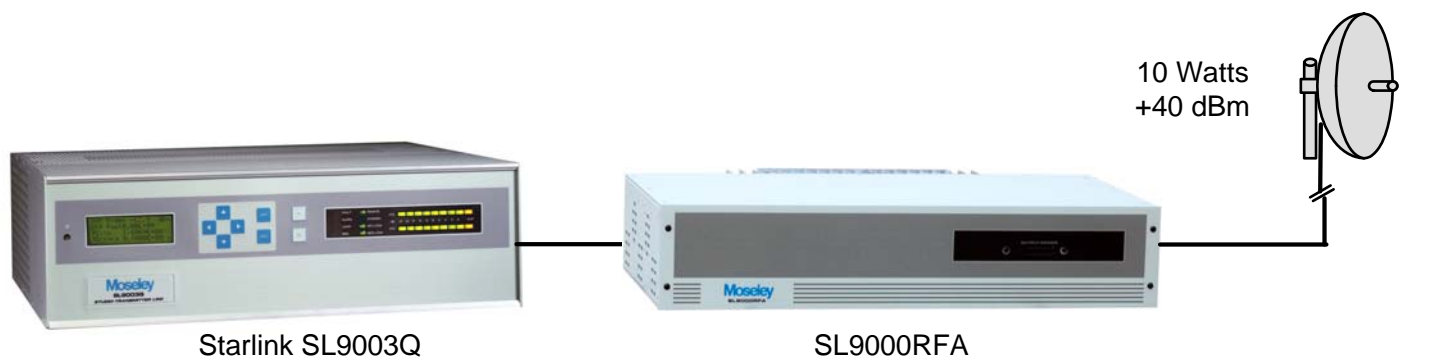


The SL9000RFA provides 10 Watts Output Power for robust operation on difficult STL paths. It is specifically designed for use with Moseley Starlink STL systems operating in the 220, 300, 800 and 950 MHz STL bands.

FEATURES

- Boosts STL link budget by 10 dB
- High efficiency amplifier for low power consumption and heat
- Interoperates with TP-128 Automatic Transfer Panel
- Operates within ratings of Moseley LanLink duplexer
- Front panel monitoring of Output Power Level
- Output Isolator protects from antenna and cable faults
- Convenient 2 RU rack mount

TYPICAL INSTALLATION



Moseley

Models

SL9000RFA-220	216-236 MHz
SL9000RFA-300	300-330 MHz
SL9000RFA-800	800-860 MHz
SL9000RFA-950	930-980 MHz

General:

Rated Power Output	10 Watts (+40 dBm)
Power Input	1 Watt (+30 dBm)
Gain	10 dB
Operating Bandwidth	50 MHz
Input/Output Impedance	50 Ohms (Nominal)
RF Connectors	N-Type
Remote Connector	D9-F
Cooling	Dual Fan Forced Air Over Heat Sinks

Management:

Front Panel Indicators	Power On, Output Power Level
Remote	On/Mute, Status, Output Power Level

Physical:

Power Requirements	Universal AC 90-260 V, 47-63 Hz, 80 Watts (Consult Factory for DC)
Dimensions	17" w x 13" d x 3.5" h 43.2 x 33 x 8.9 cm)
Mount	19" Rack Mount – 2 Rack-units
Weight	8 lb. (3.5 kg)
Operating Temp. Range	-20°C to +60°C Ambient
Operating Humidity	90% (Non-condensing)

Specifications are subject to change without notice.



Rear View