



Micro Communications, Inc.

SERIES 49100
UHF DUAL MODE CONSTANT IMPEDANCE BANDPASS FILTER

SPECIFICATIONS	
VSWR:	1.08:1 over channel
Frequency:	UHF band specify channel
Insertion Loss:	0.15-0.25 dB max
Rejection:	see plot
Isolation:	
to reject	-20 dB or more
to ballast	-30 dB or more
Impedance:	50 ohms
Connections:	Coax or Waveguide

		UHF		
FREQUENCY (MHz)		470-500	500-704	704-860
CHANNELS - USA		14-18	19-52	52-68
MODEL		49139	49138	49137
MAX POWER		80-240kW (peak Vis)	80-240kW (peak Vis)	80-240kW (peak Vis)
SIZE	in (cm)	165x60x40 (420x153x102)	145x50x34 (368x127x86)	125x46x34 (318x118x66)
WEIGHT	lbs (kg)	780 (354)	650 (295)	600 (272)
CONNECTORS		WR1800	WR1500	WR1150
MODEL		49129	49128	49127
MAX POWER		40-60kW (peak Vis)	40-60kW (peak Vis)	40-60kW (peak Vis)
SIZE	in (cm)	90x56x44 (228x143x112)	85x48x38 (216x122x96)	80x40x28 (204x102x72)
WEIGHT	lbs (kg)	480 (220)	450 (204)	420 (190)
CONNECTORS		4 1/16 or 6 1/8	4 1/16 or 6 1/8	4 1/16 or 6 1/8
MODEL		49119	49118	49117
MAX POWER		20-30kW (peak Vis)	20-30kW (peak Vis)	20-30kW (peak Vis)
SIZE	in (cm)	90x56x44 (228x143x112)	85x48x38 (216x122x96)	80x40x28 (204x102x72)
WEIGHT	lbs (kg)	460 (210)	430 (195)	400 (182)
CONNECTORS		3 1/8	3 1/8	3 1/8

All specifications are subject to change without notice.

Options available:

- Wattmeter
- Couplers
- Fine Matchers
- Output A/B Switch
- Test Load



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Micro Communications, Inc - A Mega Industries Company
 28 Sanford Dr. Gorham Maine 04038 Phone: 207.854.1700 Fax: 207.854.2287
 Email: sales@megaind.com Web: www.megaind.com