

P40901R1CL-T-1 Combine duplexer, bandpass, low loss, high selectivity, 806-824 & 851-869 MHz

- Covers entire Rx 806-824 MHz band and Tx 851-869 MHz band
- 400 Watts power handling
- 2 rack units high



www.sinclaire.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
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Product Specification Sheet
EPR 016822
Customer Tech Manual 005349

P40901R1CL-T-1

Issue: 2

Dated: 11-06-15
Dated: 10-06-15

Electrical Specifications

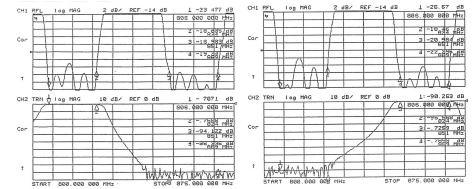
Tx Frequency Range	MHz	851 to 869
Number of Cavities Tx Side		8
Number of Cavities Rx Side		7
Rx Frequency Range	MHz	806 to 824
Input VSWR (max)		1.5:1
Impedance	Ω	50
Isolation Rx carrier suppression at Tx (min)	dB	95
Isolation Tx noise suppression at Rx (min)	dB	80
Average Power Input (max)	W	400
Input Connectors		N-Female
Output Connectors		N-Female
Insertion loss Rx to antenna (typ)	dB	0.8
Insertion loss Rx to antenna (max)	dB	0.9
Insertion loss Tx to antenna (typ)	dB	0.8
Insertion loss Tx to antenna (max)	dB	1

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	6 (152)
Length/ Height	in (mm)	3.5 (89)
Weight	lbs (kg)	15 (6.81)
Actual Shipping weight	lbs (kg)	20 (9.08)
Shipping dimensions	in (mm)	24x10x8 (610x254x203)
Mounting configurations		19 inch rack

Environmental Specifications

Temperature range	°F (°C)	+32 to +122 (0 to +50)
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