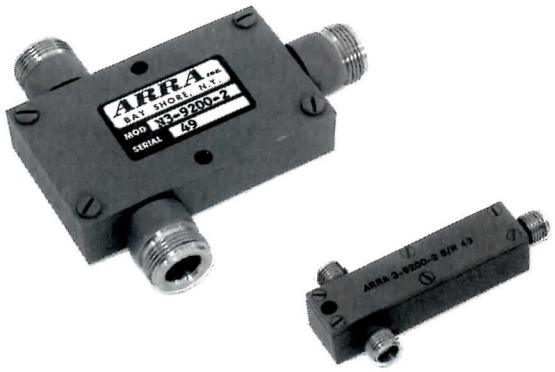
ARRA INC.
ANTENNA & RADOME RESEARCH ASSOCIATES
Tel 516-231-8400 Fax 516-434-1116

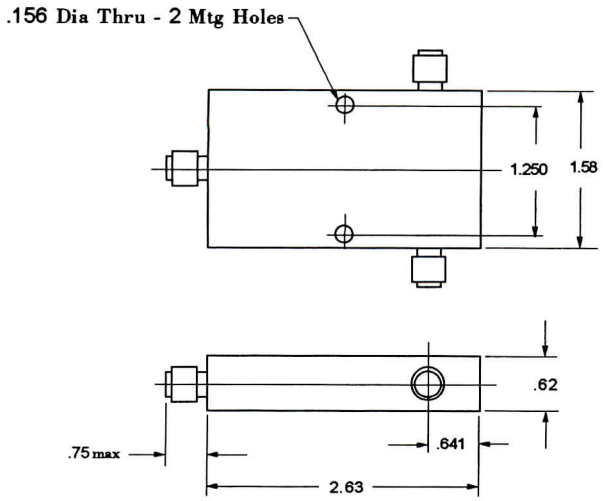
BROADBAND 2-WAY POWER DIVIDERS / COMBINERS

1-18 GHz

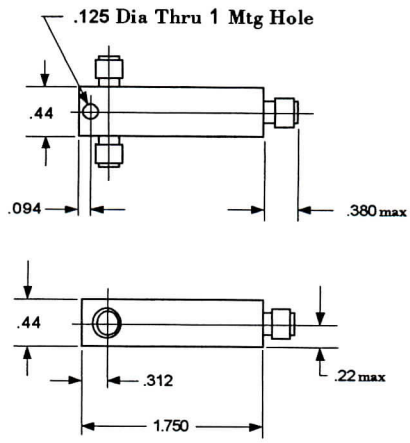


GENERAL SPECIFICATIONS

Frequency Range . . . . . 1.0 to 18.0 GHz
RF Power * . . . . . 20 Watts average
1 kW peak
(Load VSWR 1.3)
Material :
Body . . . . . Aluminum
Connectors MIL-C-39012
Finish :
Connectors . . . . . Passivated
Body . . . . . ARRA Blue per
MIL-C-22750



Form 5601



Form 5394

MODEL 3-9200-2 (1-18 GHZ)

Frequency Range (GHz)	Isolation (Min dB)	VSWR Input (Max)	VSWR Output (Max)	Ins Loss (Max dB)	Amplitude Bal (±dB)	Phase Bal (±Deg)	Model No.
1.0-4.0	20 **	1.7	1.5	0.5	0.3	2.0	3-9200-2
4.0-8.0	17	1.5	1.4	0.6	0.3	2.0	
8.0-15.0	16	1.6	1.5	0.8	0.4	3.0	
15.0-18.0	15	1.7	1.6	0.9	0.5	4.0	

MODEL N3-9200 or TNC3-9200-2 (1-18 GHz)

Frequency Range (GHz)	Isolation (Min dB)	VSWR Input (Max)	VSWR Output (Max)	Ins Loss (Max dB)	Amplitude Bal (±dB)	Phase Bal (±Deg)	Model No.
1.0-4.0	**	1.8	1.6	0.5	0.3	2.0	N3-9200-2 ***
4.0-8.0	17	1.6	1.6	0.6	0.3	3.0	
8.0-12.0	15	1.6	1.6	0.8	0.4	4.0	
12.0-16.0	15	1.7	1.6	1.0	0.5	5.0	
16.0-18.0	14	1.8	1.8	1.5	0.5	6.0	

* This RF Power rating assumes that all ports are matched. The internal resistors are rated for 0.5 Watts.
** 15 dB min from 1.5-2.0 GHz. 10 dB min from 1.0-1.5 GHz.
*** For TNC Female connectors, replace N with TNC. Ex: TNC3-9200-2