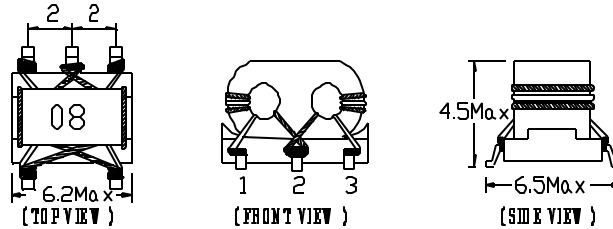


Balun Transformer B2618 Series

FEATURES

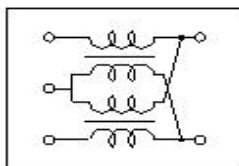
- Pair wire coil for high stability winding.
- Base pin terminal treated, allowing mounting “as is” on a PCB
- Custom design for double balanced mixers, broad band transformers, and impedance transformer applications

EXTERNAL DIMENSIONS (Unit: mm)

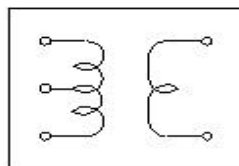


Part Number	Winding Turns	Operating Frequency Range	Insertion Loss	Pin Connection Fig.
Double Balanced Mixer				
B2618-1003	3	8MHz~800MHz	3.5 dB Max.	1
B2618-1005	2	400MHz~1.3GHz	4 dB Max.	
B2618-1008	4	6MHz~600MHz	2.5 dB Max.	
B2618-1011	5	5MHz~500MHz	2 dB Max.	
B2618-1012	1	50MHz~400MHz	10 dB Max.	
B2618-1013	2	10MHz~1.0GHz	6 dB Max.	
Frequency Mixer				
	Pri Sec			
B2618-1024	3 x 2 3	3.5MHz~470MHz	3 dB Max.	2
B2618-1052	2 x 2 2	9MHz~350MHz	3 dB Max.	
B2618-1085	1 x 2 1	—	3 dB Max.	
B2618-1086	4 x 2 4	2.2MHz~400MHz	3 dB Max.	
B2618-1087	5 x 2 5	1.5MHz~300MHz	3 dB Max.	
Distributor				
B2618-1014	—	20MHz~600MHz	IN to OUT-1,2 4.5 dB Max. OUT-1 to OUT-2 (ISOLATION) 10 dB Min.	3
Directional Coupler				
B2618-1006	5	6MHz~600MHz	IN to OUT-1 0.9 dB Max. IN to OUT-2 13~16 dB	4
B2618-1007	6	6MHz~600MHz	IN to OUT-1 0.8 dB Max. IN to OUT-2 15~17 dB	4
B2618-1015	4	6MHz~600MHz	IN to OUT-1 1.3 dB Max. IN to OUT-2 11~14 dB	4

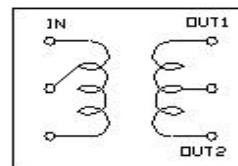
Pin Connection



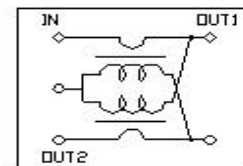
Double Balanced Mixer
Fig.1



Transformer
Fig.2



Distributor
Fig.3



Directional Coupler
Fig.4

Inter-Technical, LLC

PO Box 535, 175 Clearbrook Road, Elmsford, NY 10523

Phone: 914-347-2474

Fax: 914-347-7230

Email: sales@inter-technical.com

website: www.inter-technical.com

Rev. 2.13.2002