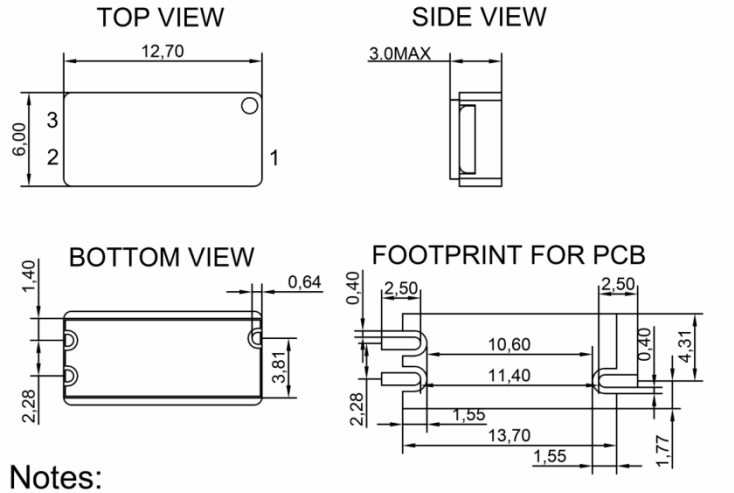
YT-BAL-0020SLG

SMD Broadband Balun
10-20000MHz 50Ω 1:2Ratio Transformer

Rev A0

Mechanical Dimensions:



Notes:

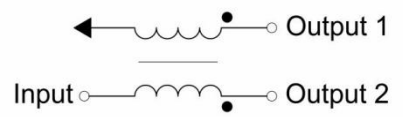
1: Dimensions in mm.

2: Tolerance ±0.3mm unless otherwise noted.

Ports Configuration:

Input	1
Ouput(0°)	2
Ouput(180°)	3
Ground	Other

Schematic:



Maximum Ratings:

Parameters	Conditions	Unit	Min	Max
RF Power		Watt		1
DC Current		mA		300
Operating Temperature Range		Degree Cel	-55	100
Storage Temperature Range		Degree Cel	-65	125
Moisture Sensitivity Level				1

Ordering Information:

Part Description	Details
YT-BAL-0020SLG	500 per reel

Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

YT-BAL-0020SLG

SMD Broadband Balun

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Rev A0

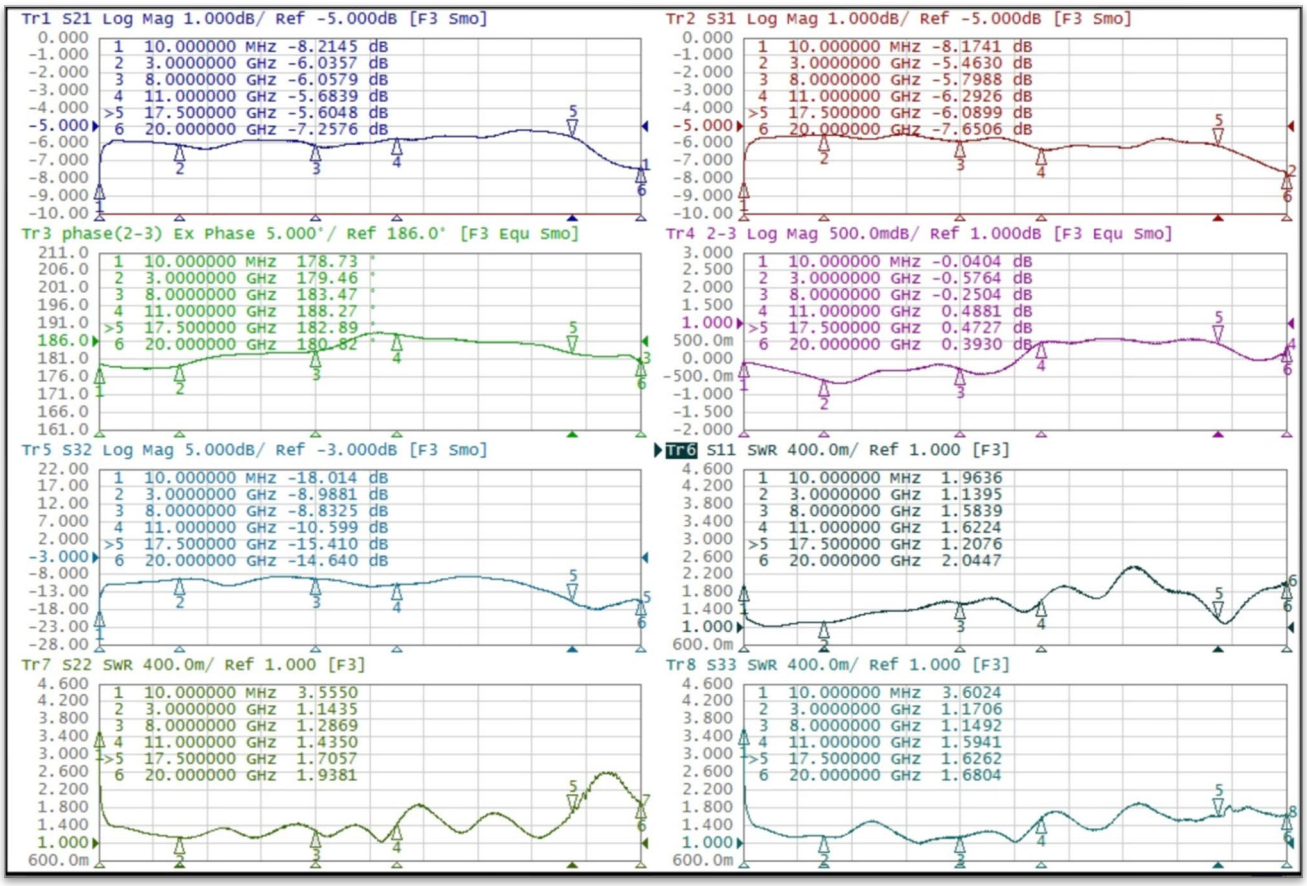
Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

Parameter	TestConditions	Unit	Min	Typical	Max
Frequency Range	-	MHz	10	~	20000
Nominal Insertion Loss	10-20000MHz	dB	-	3	-
Insertion Loss	10-20000MHz	dB	-	-	8
INPUT VSWR	10-20000MHz	-	-	1.5	-
OUTPUT VSWR	10-20000MHz	-	-	1.6	-
Isolation	10-20000MHz	dB	8	12	-
Common Mode Rejection	10-20000MHz	dB	22	35	-
Phase Balance	10-20000MHz	Degree	-	±5	±10
Amplitude Balance	10-20000MHz	dB	-	±0.4	±1.2

Notes:

1:Specificationsguaranteedovertheoperatingtemperaturerange.

Typical Performance Curves:



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