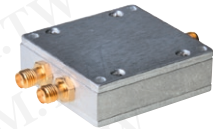


Coaxial

Power Splitter/Combiner

ZN2PD-63+

2 Way-0° 50Ω 1800 to 6000 MHz



Maximum Ratings

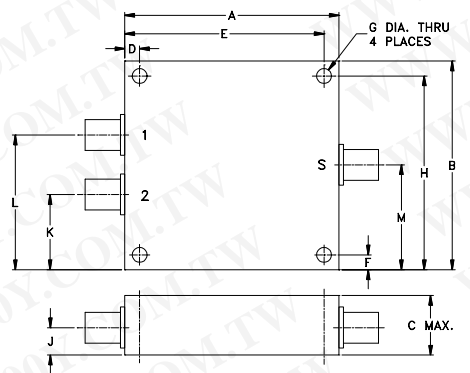
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	10W max.
Internal Dissipation	0.25W max.

Permanent damage may occur if any of these limits are exceeded.

Coaxial Connections

SUMPORT	S
PORT 1	1
PORT 2	2

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F	G
1.80	1.75	.66	.125	1.675	.125	.125
45.72	44.45	16.76	3.18	42.55	3.18	3.18

H	J	K	L	M	wt
1.625	.31	.63	1.13	.88	grams
41.28	7.87	16.00	28.70	22.35	34

Features

- wide frequency band, 1800-6000 MHz
- high isolation, 19 dB min.
- very good VSWR, 1.22:1 typ.

Applications

- PCS
- WIMAX
- satellite up & down links
- line of sight links

CASE STYLE: VVV180

Connectors	Model	Price	Qty.
SMA	ZN2PD-63-S+	\$59.95 ea.	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

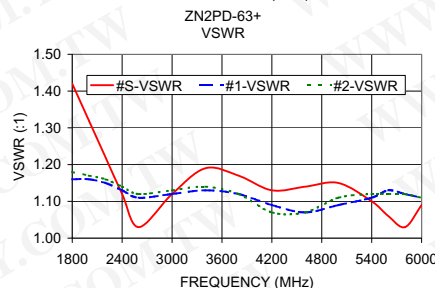
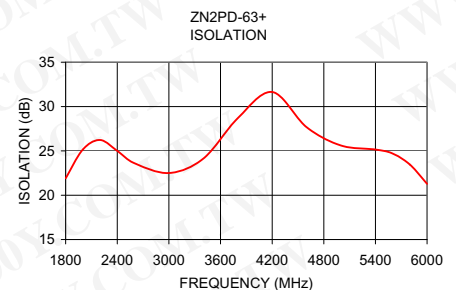
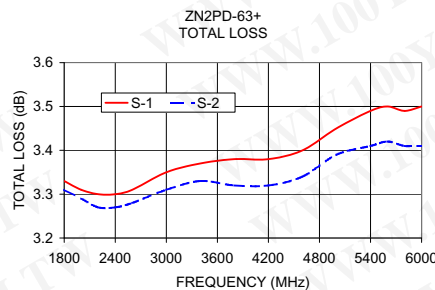
Electrical Specifications

FREQ. RANGE (MHz)	ISOLATION (dB)		INSERTION LOSS (dB) ABOVE 3.0 dB		PHASE UNBALANCE (Degrees)	AMPLITUDE UNBALANCE (dB)	VSWR (:1)			
	Typ.	Min.	Typ.	Max.	Max.	Max.	S		OUT	
f_L - f_U							Typ.	Max.	Typ.	Max.
1800-6000	24	19	0.4	0.7	4	0.3	1.22	1.55	1.18	1.30

Typical Performance Data

Frequency (MHz)	Total Loss ¹ (dB)		Amplitude Unbalance (dB)	Isolation (dB)	Phase Unbalance (deg.)	VSWR S	VSWR 1	VSWR 2
	S-1	S-2						
1800.00	3.33	3.31	0.02	21.91	0.54	1.42	1.16	1.18
2000.00	3.31	3.29	0.02	25.15	0.61	1.32	1.16	1.17
2200.00	3.30	3.27	0.03	26.23	0.66	1.22	1.15	1.16
2400.00	3.30	3.27	0.03	25.00	0.72	1.12	1.13	1.14
2600.00	3.31	3.28	0.03	23.60	0.80	1.03	1.11	1.12
3000.00	3.35	3.31	0.04	22.50	0.96	1.12	1.12	1.13
3400.00	3.37	3.33	0.04	24.13	1.01	1.19	1.13	1.14
3800.00	3.38	3.32	0.05	28.69	1.11	1.17	1.12	1.12
4200.00	3.38	3.32	0.06	31.64	1.20	1.13	1.09	1.07
4600.00	3.40	3.34	0.06	27.68	1.27	1.14	1.07	1.07
5000.00	3.45	3.39	0.07	25.60	1.34	1.15	1.09	1.11
5400.00	3.49	3.41	0.08	25.15	1.45	1.10	1.11	1.12
5600.00	3.50	3.42	0.08	24.70	1.47	1.06	1.13	1.12
5800.00	3.49	3.41	0.08	23.45	1.54	1.03	1.12	1.12
6000.00	3.50	3.41	0.09	21.28	1.62	1.09	1.11	1.11

1. Total Loss = Insertion Loss + 3dB splitter loss.



electrical schematic



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



For detailed performance specs & shipping online see web site

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661 The Design Engineers Search Engine Provides ACTUAL Data Instantly at minicircuits.com

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp.

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