

Coaxial

Power Splitter/Combiner

2 Way-0° 50Ω 5800 to 6400 MHz

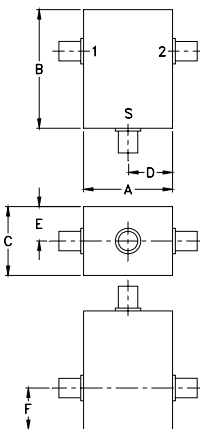
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1W max.
Internal Dissipation	0.125W max.
Permanent damage may occur if any of these limits are exceeded.	

Coaxial Connections

SUM PORT	S
PORT 1	1
PORT 2	2

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F	wt
.75	1.00	.58	.38	.29	.35	grams
19.05	25.40	14.73	9.65	7.37	8.89	22.0

Features

- low insertion loss, 0.2 dB typ.
- high isolation, 35 dB typ.
- excellent input VSWR, 1.05:1 typ.
- excellent amplitude unbalance, 0.1 dB typ.
- excellent phase unbalance, 1 deg. typ.
- rugged shielded case

Applications

- SHF
- amateur radio
- communication systems

IZY2PD-64+
IZY2PD-64



CASE STYLE: JJJ245			
Connectors	Model	Price	Qty.
SMA	IZY2PD-64(+)	\$89.95	(1-9)

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

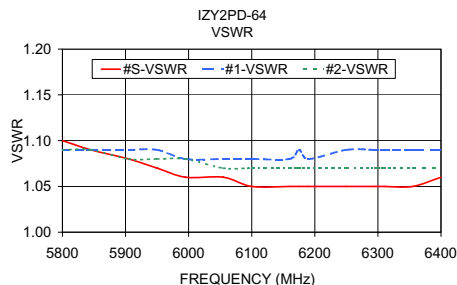
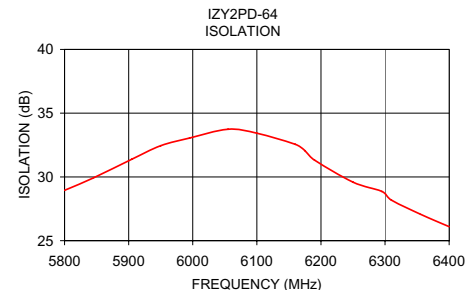
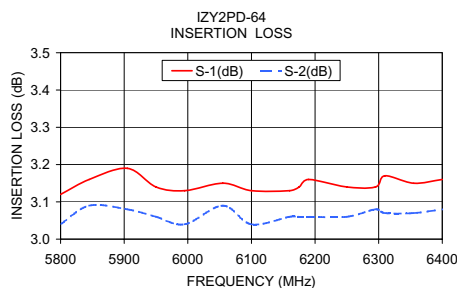
The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

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.
5800-6400	35	24	0.2	0.5	5	0.3	1.05	1.3	1.2	1.35

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)		Amplitude Unbalance (dB)	Isolation (dB)	Phase Unbalance (deg.)	VSWR S	VSWR 1	VSWR 2
	S-1	S-2						
5800.00	3.12	3.04	0.08	28.95	0.70	1.10	1.09	1.09
5845.00	3.16	3.09	0.07	29.92	0.49	1.09	1.09	1.09
5905.00	3.19	3.08	0.11	31.39	0.51	1.08	1.09	1.08
5950.00	3.14	3.06	0.08	32.45	0.62	1.07	1.09	1.08
5995.00	3.13	3.04	0.09	33.05	0.54	1.06	1.08	1.08
6055.00	3.15	3.09	0.06	33.74	0.53	1.06	1.08	1.07
6100.00	3.13	3.04	0.09	33.43	0.71	1.05	1.08	1.07
6160.00	3.13	3.06	0.08	32.56	0.57	1.05	1.08	1.07
6175.00	3.14	3.06	0.08	32.06	0.64	1.05	1.09	1.07
6190.00	3.16	3.06	0.10	31.32	0.41	1.05	1.08	1.07
6250.00	3.14	3.06	0.08	29.59	0.41	1.05	1.09	1.07
6295.00	3.14	3.08	0.06	28.86	0.29	1.05	1.09	1.07
6310.00	3.17	3.07	0.10	28.18	0.74	1.05	1.09	1.07
6355.00	3.15	3.07	0.08	27.08	0.66	1.05	1.09	1.07
6400.00	3.16	3.08	0.08	26.10	0.64	1.06	1.09	1.07



electrical schematic



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ISO 9001 ISO 14001 AS 9100 CERTIFIED

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