

Coaxial

Power Splitter/Combiner

ZC10PD-26

10 Way-0° 50Ω 2300 to 2600 MHz

Maximum Ratings

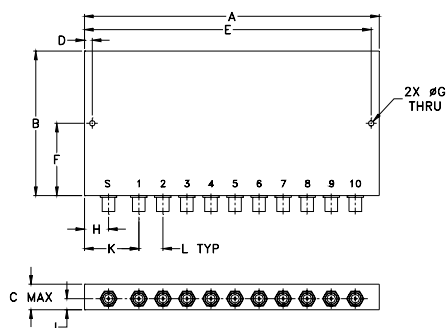
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	10W max.
Internal Dissipation	0.80W max.

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

Coaxial Connections

SUM PORT	S
PORT 1,2,3,4,5,6,7,8,9,10	1,2,3,4,5,6,7,8,9,10

Outline Drawing



Outline Dimensions (inch/mm)

A	B	C	D	E	F
6.13	3.00	.53	.162	5.962	1.500
155.70	76.20	13.46	4.11	151.43	38.10
G	H	J	K	L	wt
.116	.50	.25	1.13	.50	grams
2.95	12.70	6.35	28.70	12.70	207

Features

- low insertion loss, 0.7 dB typ.
- high isolation, 35 dB typ.
- good amplitude unbalance. 0.45 dB typ.
- good VSWR, 1.25 typ.
- up to 10W power input as splitter

Applications

- cellular communications
- CATV
- ISM
- wireless communication systems



CASE STYLE: AB204

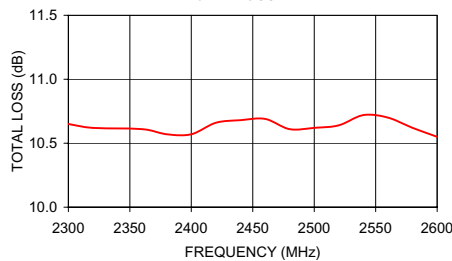
Connectors	Model	Price	Qty.
SMA	ZC10PD-26-S	\$194.95	(1-9)

Electrical Specifications

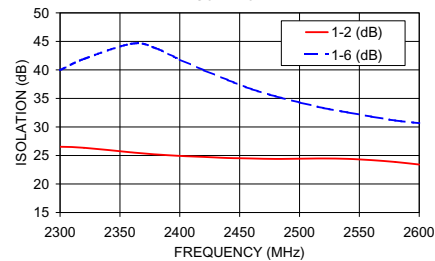
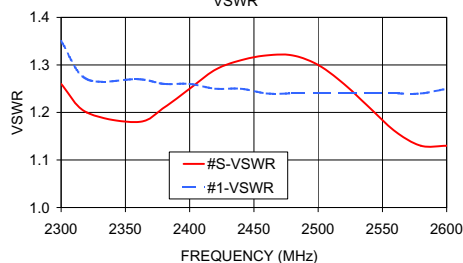
FREQ. RANGE (MHz)	ISOLATION (dB)		INSERTION LOSS (dB) ABOVE 10 dB		PHASE UNBALANCE (Degrees)	AMPLITUDE UNBALANCE (dB)	VSWR (:1)			
	Typ.	Min.	Typ.	Max.			S Typ.	S Max.	OUT Typ.	OUT Max.
2300-2600	35	20	0.7	1.9	15	1.1	1.3	1.7	1.2	1.6

Typical Performance Data

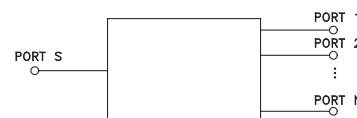
Freq. (MHz)	Total Loss ¹ (dB)	Amplitude Unbalance (dB)	Isolation (dB)		Phase Unbalance (deg.)	VSWR S	VSWR 1
			1-2	1-6			
2300.00	10.65	0.22	26.54	39.97	8.93	1.26	1.35
2320.00	10.62	0.24	26.34	41.93	8.96	1.20	1.27
2360.00	10.61	0.19	25.54	44.60	9.14	1.18	1.27
2380.00	10.57	0.16	25.18	43.79	9.32	1.21	1.26
2400.00	10.57	0.17	24.92	41.81	9.47	1.25	1.26
2420.00	10.66	0.16	24.75	39.95	9.76	1.29	1.25
2440.00	10.68	0.17	24.56	38.23	9.53	1.31	1.25
2460.00	10.69	0.16	24.47	36.62	9.69	1.32	1.24
2480.00	10.61	0.18	24.40	35.37	10.19	1.32	1.24
2500.00	10.62	0.23	24.44	34.29	10.55	1.30	1.24
2520.00	10.64	0.22	24.47	33.31	10.53	1.26	1.24
2540.00	10.72	0.17	24.41	32.56	10.52	1.21	1.24
2560.00	10.70	0.13	24.19	31.81	10.89	1.16	1.24
2580.00	10.62	0.18	23.86	31.13	11.56	1.13	1.24
2600.00	10.55	0.32	23.41	30.66	11.82	1.13	1.25

ZC10PD-26
TOTAL LOSS

1. Total Loss = Insertion Loss + 10dB splitter loss.

ZC10PD-26
ISOLATIONZC10PD-26
VSWR

electrical schematic



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IF/RF MICROWAVE COMPONENTS

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