



CTLBD Series

5-2300 MHz Satellite Splitters

Diode Steered, 2 Amp Power Passing Capability



CTLBD-2
2 Way Splitter 1 Leg Power Pass



CTLBD-2P
2 Way Splitter All Legs Power Pass



CTLBD-3P
3 Way Splitter All Legs Power Pass



CTLBD-4
4 Way Splitter 1 Leg Power Pass



CTLBD-4P
4 Way Splitter All Legs Power Pass



CTLBD-8P
8 Way Splitter All Legs Power Pass

5-2300MHz SATELLITE SPLITTER STANDARD SPECIFICATIONS

Parameter	Frequency Range (MHz)	2-Way		3-Way		4-Way		8-Way	
		Typ	QA	Typ	QA	Typ	QA	Typ	QA
Insertion Loss (dB Max)	5-40	4.3	4.5	6.5	6.9	8	8.2	12.5	13.5
	40-1000	4.4	4.8	6.5	7	8.3	8.5	12.5	13.6
	1000-1750	4.8	5.6	7.5	8.6	9.5	9.8	14	16
	1750-2050	6.2	6.8	9.8	10.5	10.8	12.2	15.5	17
Return Loss	2050-2300	7.3	7.6	11.2	11.6	12.6	13	18	19
	5-40	14	12	12	10	11	10	7	6
Input (dB Min)	40-1000	15	11	14	13	12	11	13	11
	1000-1750	13	10	14	12	13	12	14	12
Return Loss	1750-2050	12	10	13	11	17	15	15	12
	2050-2300	12	10	11	10	12	10	12	10
Output (dB Min.)	5-40	14	12	12	10	12	10	9	7.5
	40-1000	13	12	16	13	16	14	15	13
	1000-1750	13	10	14	11	15	16	15	12
Isolation (dB Min.)	1750-2050	15	10	15	12	14	11	14	12
	2050-2300	12	10	12	10	13	10	14	12
	5-40	16	14	22	18	23	20	23	20
	40-1000	22	20	24	21	25	22	23	20
	1000-1750	22	20	25	22	23	20	24	22
Power Pass	1750-2050	22	20	27	22	24	22	23	21
	2050-2300	22	20	22	20	22	20	22	20
Impedance	2 Amp	All port or One Port							
RFI (dB)	5-2300	75 Ohms							
		120dB							

Specifications Subject To Change Without Notice

Rev 12-11

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