

## CSP3 Series 3 GHz Power Passing Splitter



### Description:

With full 10-3000MHz frequency range, this series of high performance splitters are designed for distribution of digital satellite signals in applications where signal integrity and accurate splitting are critical. The Hi-Q design features SMT technology combined with premium quality ferrites and blocking capacitors on all ports for long-term stability in performance. The CSP3 series is available in 2, 3B(Balanced),and 4 way horizontal configurations.

### Features:

- Horizontal splitters
- 10-3000 MHz bandwidth
- 360° degree 24K gold plated contacts
- Sealed F-ports that comply to SCTE specifications
- One port power passing (input to port#1)
- -120 dB RFI shielding
- Corrosion resistant die cast plated zinc housing
- Convenient 3-way (Slot, Hex, Robertson) mounting screws included
- Excellent quality, 100% factory QC tested
- CE approved

**Century Electronics Ltd.**

Unit 4-11240 Bridgeport Road, Richmond, BC Canada V6X 1T2

Phone: 604-273-3419 | Fax: 604-273-5619 | Web: [www.centuryelectronic.com](http://www.centuryelectronic.com)



# Century Electronics

## Specifications:

PARAMETER	FREQUENCY (MHz)	CSP3-2		CSP3-3B		CSP3-4	
		TYP.	QA.	TYP.	QA.	TYP.	QA.
Insertion Loss Input to Output Maximum (dB)	10-40	4.8	5.0	7.0	7.5	8.5	9.0
	40-900	5.3	5.5	7.5	8.0	9.0	9.5
	900-1750	5.5	5.7	10.0	9.5	10.5	11.0
	1750-2300	5.7	5.9	10.5	11.0	11.5	12.0
	2300-3000	5.8	6.0	12.0	12.5	12.5	13.0
Port/Port Isolation Output to Output Minimum(dB)	10-40	17	16	19	18	16	15
	40-900	21	20	21	18	20	18
	900-1750	21	20	21	18	20	18
	1750-2300	20	19	18	17	19	17
	2300-3000	18	17	18	17	18	17
Return Loss Input Minimum(dB)	10-40	13	12	12	11	12	11
	40-900	13	13	13	12	13	12
	900-1750	13	13	13	12	13	12
	1750-2300	13	13	13	12	13	12
	2300-3000	13	13	13	12	13	12
Return Loss Output Minimum(dB)	10-40	11	10	11	10	11	10
	40-900	11	10	11	10	11	10
	900-1750	11	10	11	10	11	10
	1750-2300	11	10	11	10	11	10
	2300-3000	11	10	11	10	11	10
RFI (dB)	10-3000	-130	-120	-130	-120	-130	-120
Impedance	10-3000	75 Ohm					
Power Passing	1000 mA	One Port Power Passing					
Waterproof Test( Min)	15 PSI						
Operating Temperature	-40 degrees C to +60 degrees C						
Corrosion Resistance	Meets SCTE/ANSI Specification						

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