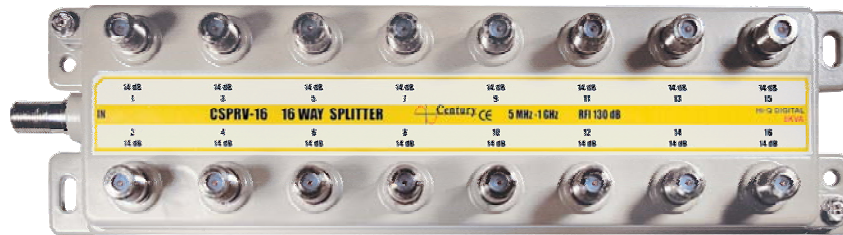


CSPRV Series 1 GHz Splitter



Description:

These MDU (Multiple Dwelling Units) splitters have many applications. They are ideal for use in the head-ends or apartments/buildings where multiple outlets are required. They provide superior performance in both digital and analog signals environments where the highest isolation and RF performance is required. 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 CSPRV series is available in 8, 12, and 16 way vertical configurations.

Features:

- Vertical 8-12-16 F port splitter (can be used as a combiner)
- 5-1010 MHz bandwidth
- 6KVA rated capacitors on all F ports that comply to IEE spec (C62.41 Cat A3)
- 360° degree 24K gold plated contacts
- Sealed F-ports that comply to SCTE specifications
- Low inter-modulation > 110dB
- -120 dB RFI shielding
- Corrosion resistant die cast housing with a baked enamel finish
- 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



Century Electronics

Specifications:

PARAMETER	FREQUENCY (MHz)	CSPRV-8		CSPRV-12		CSPRV-16	
		TYP.	QA.	TYP.	QA.	TYP.	QA.
Insertion Loss Input to Output Maximum (dB)	5-15	10.8	11.0	14.2	14.5	14.2	14.5
	15-50	10.8	11.0	14.2	14.5	14.2	14.5
	50-550	11.0	11.3	15.2	15.5	15.2	15.5
	550-750	11.3	11.5	15.6	15.8	15.6	15.8
	750-1010	11.5	11.8	15.8	16.0	15.8	16.0
Port/Port Isolation Output to Output Minimum(dB)	5-15	27	25	27	25	27	25
	15-50	32	30	32	30	32	30
	50-550	30	27	28	26	28	26
	550-750	28	25	26	24	26	24
	750-1010	26	25	25	24	25	24
Return Loss Input Minimum(dB)	5-15	21	20	21	20	21	20
	15-50	23	22	23	22	23	22
	50-550	23	22	23	22	23	22
	550-750	23	22	23	22	23	22
	750-1010	22	21	22	21	22	21
Return Loss Output Minimum(dB)	5-15	21	20	21	20	21	20
	15-50	23	22	23	22	23	22
	50-550	23	22	23	22	23	22
	550-750	22	21	23	22	23	22
	750-1010	21	20	22	21	22	21
RFI (dB)	5-1010	-130	-120	-130	-120	-130	-120
Impedance	5-1010	75 Ohm					
Spurious Signals Including 2 nd Harmonics	-45dBmV after 6KV ring wave surge Measuring with a 55dBmV return input carrier						
Surge Protection	6KV Ring Wave Surge, IEEE C62,41 Cat A3						
Waterproof Test(Min)	15 PSI						
Operating Temperature	-40 degrees C to +60 degrees C						
Corrosion Resistance	Meets SCTE/ANSI Specification						

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