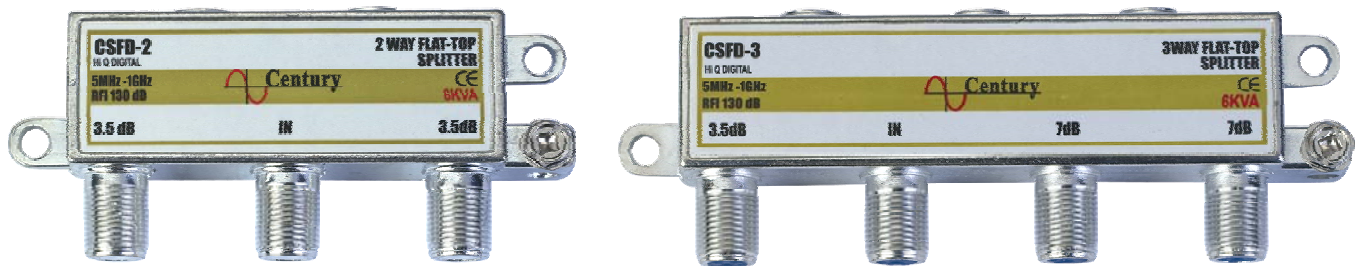


CSFD Series 1 GHz Splitter



Description:

These “flat-top” SCTE compliant series splitters are perfect for mounting in tight equipment boxes where space is at a premium. The unique 360-degree contact provides excellent return loss and common path distortion specifications, designed specifically to operate in critical two way data applications. The CSFD series is available in 2, 3, 3B(Balanced), and 4 way horizontal configurations.

Features:

- Flat top splitters (All ports on the bottom)
- 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 plated zinc housing
- Convenient 3-way (Slot, Hex, Robertson) mounting screws included
- Excellent quality, 100% factory QC tested
- CE approved

Century Electronics Ltd.

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Century Electronics

Specifications:

PARAMETER	FREQUENCY (MHz)	CSFD-2		CSFD-3		CSFD-4	
		TYP.	QA.	TYP.	QA.	TYP.	QA.
Insertion Loss Input to Output Maximum (dB)	5-15	3.3	3.5	5.6	5.8	6.9	7.1
	15-50	3.3	3.5	5.6	5.8	6.9	7.1
	50-550	3.5	3.7	5.8	6.1	7.2	7.3
	550-750	3.6	3.8	6.1	6.3	7.5	7.7
	750-1010	3.8	3.9	6.3	6.5	7.7	7.9
Port/Port Isolation Output to Output Minimum(dB)	5-15	30	26	35	30	28	25
	15-50	35	30	42	35	32	30
	50-550	30	28	40	35	28	26
	550-750	28	26	32	30	28	26
	750-1010	27	25	32	30	26	24
Return Loss Input Minimum(dB)	5-15	23	23	24	23	24	23
	15-50	30	24	26	25	26	25
	50-550	25	25	25	24	25	23
	550-750	25	25	25	24	24	23
	750-1010	24	23	23	22	23	22
Return Loss Output Minimum(dB)	5-15	23	23	25	24	24	23
	15-50	30	26	30	27	26	25
	50-550	25	28	25	24	25	23
	550-750	25	25	25	24	24	23
	750-1010	24	23	24	22	23	22
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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