

SATELLITE / BROADBAND SPLITTERS

MODELS HFS-2 : HFS-2P : HFS-4 : HFS-4P : HFS-2D : HFS-3D : HFS-4D



MODEL HFS-2



MODEL HFS-2P



MODEL HFS-4



MODEL HFS-4P

FEATURES

- **5 - 2150 MHz Performance**
- **Power Passing to One or All Ports**
- **High Port-to-Port Isolation**

The **HFS Series** broadband splitters are an advanced design providing the lowest insertion loss from 5-2150 MHz while maintaining high isolation. The HFS-2 / HFS-4 power pass to one port and the HFS-2P / HFS-4P pass power to all ports.

SATELLITE / BROADBAND SPLITTERS (DIODE STEERED)



MODEL HFS-2D



MODEL HFS-3D



MODEL HFS-4D

FEATURES

- **5 - 2150 MHz Wideband Operation**
- **Diode Steered**
- **High Return Loss**
- **Flat Frequency Response**
- **Flat End F-Ports with 1" Spacing**
- **Solder-Back Case (-130 dB RFI Shielding)**

Holland Electronics' **HFS-*D** series high-frequency splitters have been designed with diode steered circuitry, which allows the DC power to pass from any output port to the input port and prevents DC backfeeding.

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SPECIFICATIONS

PARAMETER	FREQUENCY RANGE (MHz)	HFS-2/2P		HFS-4/4P		HFS-2D		HFS-3D		HFS-4D	
		TYP.	QC.	TYP.	QC.	TYP.	QC.	TYP.	QC.	TYP.	QC.
Insertion Loss (dB) (Max)	5 - 40	4.4	4.5	7.8	8.0	4.3	4.5	4.2 / 8.3	4.5 / 8.5	8.2	8.5
	41 - 550	4.3	4.5	7.8	8.0	4.2	4.5	4.5 / 9.2	4.8 / 9.3	9.0	9.3
	551 - 950	4.4	4.7	8.0	8.2	4.3	4.7	4.7 / 9.4	5.0 / 9.5	9.2	9.5
	951 - 1450	4.8	5.0	9.0	9.5	5.2	5.3	5.3 / 10.5	5.5 / 10.8	10.5	10.8
	1451 - 2150	5.0	5.3	10	10.5	5.3	5.5	5.5 / 10.9	5.9 / 11.5	10.9	11.2
Isolation (dB)	15 - 40	20	18	24	23	25	22	24	23	27	25
	41 - 550	23	19	22	21	27	25	23	22	22	21
	551 - 950	23	19	21	20	26	24	23	22	22	21
	951 - 1450	24	20	21	20	22	21	22	21	22	21
	1451 - 2150	24	20	21	20	22	21	22	21	22	20
Input Return Loss (dB) (Min)	15 - 40	11	8	11	8	16	15	16	15	16	15
	41 - 550	11	8	11	8	16	15	16	15	16	15
	551 - 950	11	8	11	8	16	15	16	15	16	15
	951 - 1450	11	8	11	8	16	15	16	15	16	15
	1451 - 2150	11	8	11	8	16	15	16	15	16	15
Output Return Loss (dB) (Min)	15 - 40	11	8	11	8	20	15	16	15	16	15
	41 - 550	11	8	11	8	20	15	16	15	16	15
	551 - 950	11	8	11	8	19	15	16	15	16	15
	951 - 1450	11	8	11	8	18	15	16	15	16	15
	1451 - 2150	11	8	11	8	17	15	16	15	16	15

GENERAL

Temperature Range	-40° to 60° Celsius
Port Spacing	1"
RFI	>130 dB
Impedance (ohms)	75

POWER PASSING SPECIFICATIONS

	HFS-*/*P	HFS-*D
Voltage (Max.)	35V	35V
Current Rating (Max.)	750 mA	1.0 A

NOTE: All specifications typical unless otherwise noted