

SATELLITE / BROADBAND SPLITTERS

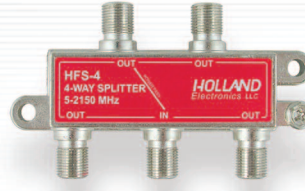
■ MODELS HFS-2 : HFS-2P : HFS-4 : HFS-4P



MODEL HFS-2



MODEL HFS-2P



MODEL HFS-4



MODEL HFS-4P

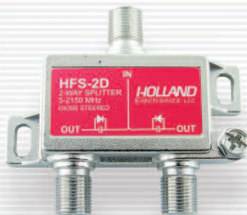
■ FEATURES

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

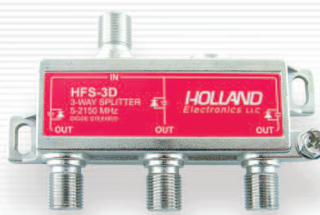
The **HFS Series** broadband splitters are an advanced design providing the lowest insertion loss from 5-2150 MHz while maintaining high isolation. The **HFS-2/HFS-4** are power passing to one port, and the **HFS-2P/HFS-4P** pass power to all ports.

SATELLITE/BROADBAND SPLITTERS (DIODE STEERED)

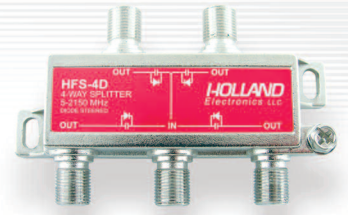
■ MODELS HFS-2D : HFS-3D : HFS-4D



MODEL HFS-2D



MODEL HFS-3D



MODEL HFS-4D

■ FEATURES

- 15 - 2150 MHz Wideband Operation
- High Return Loss
- Flat Frequency Response
- Flat End F Ports with 1" Spacing
- Solder Back Case (-130 dB RFI Shielding)

Hollands HFS-*D series high frequency splitters have been designed for residential and commercial applications. The diode protected circuitry allows the DC power to pass from any output port to the input port and prevents DC backfeeding.

SATELLITE/BROADBAND SPLITTERS

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) | 15 - 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) | 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) | 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 | -40° to 60° Celsius | | -40° to 60° Celsius | | -40° to 60° Celsius | | -40° to 60° Celsius | | -40° to 60° Celsius | |
| Port Spacing | 1" | 1" | | 1" | | 1" | | 1" | | 1" | |
| RFI | ≥130 dB | ≥130 dB | | ≥130 dB | | ≥130 dB | | ≥130 dB | | ≥130 dB | |
| Impedance (Ohm) | 75 | 75 | | 75 | | 75 | | 75 | | 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