

HIGH-PERFORMANCE SATELLITE PASSIVES

SPLITTERS - HR S* : HRV S* & TAPS - HR T** : HRV T1** : HR TW*



HR S2



HR S3



HR S4



HR S8



HRV S2



HRV S4



HRV S8



HR T1**



HRV T1**



HR TW*

FEATURES

- **Wideband Operation** (15 MHz to 2150 MHz)
- **High Return Loss** (15 dB @ 2 GHz Typical)
- **Frequency-Flat Response** (± 0.1 dB in any 24 MHz)
- **Flat "F" Ports with 1" Spacing**
- **Solder-Back Case** (130 dB RFI Shielding)

"3 SIGMA PERFORMANCE"

Holland Electronics' high-performance passives are designed for distribution of digital satellite signals in applications where signal performance is critical. The HRS and HRV S Series splitters utilize diode directing circuitry to prevent DC back-feeding. The HRT Series taps are available in many decibel levels for your specific requirement.

HIGH-PERFORMANCE SATELLITE SPLITTERS

SPECIFICATIONS - HR S* SPLITTERS

PARAMETER	INSERTION LOSS (dB) (MAX) (15 - 950 MHz)	INSERTION LOSS (dB) (MAX) (950 - 2150 MHz)	RETURN LOSS (dB) (MIN) (15 - 950 MHz)	RETURN LOSS (dB) (MIN) (950 - 2150 MHz)
HR S2	4.2	5.4	18	16
HR S2P	4.2	5.4	18	16
HRV S2	4.2	5.4	17	15
HR S3 (unbalanced)	4.6 / 8.4	10.8	17	15
HRV S3 (unbalanced)	4.6 / 8.4	10.8	17	15
HR S4	7.8	9.5	17	15
HRV S4	8.4	10.2	17	15
HRV S6 (unbalanced)	7.8 / 11.5	12.5	17	15
HR S8	13.2	17	17	15
HRV S8	13.2	17	17	15

GENERAL

Port Spacing	1"
Voltage (Max.)	35V
Current Rating (Max.)	1A

SPECIFICATIONS - HR T* DIRECTIONAL COUPLERS

PARAMETER	INSERTION LOSS (dB) (MAX) (15 - 950 MHz)	INSERTION LOSS (dB) (MAX) (950 - 2150 MHz)	RETURN LOSS (dB) (MIN) (15 - 950 MHz)	RETURN LOSS (dB) (MIN) (950 - 2150 MHz)
HR T106	2.5	3.3	16	17
HR TW6	2.5	3.3	22	22
HRV T106	2.5	3.0	16	17
HR T108	1.9	2.7	17	18
HR TW9	1.9	2.1	18	19
HRV T109	1.8	2.0	18	19
HR T112	1.6	1.9	16	17
HR TW12	1.6	1.9	19	20
HRV T112	1.6	1.9	19	20
HR T116	1.5	1.9	17	18
HR TW16	1.5	1.9	18	20
HRV T116	1.5	1.7	18	20

POWER PASSING SPECIFICATIONS

Voltage (Max.)	35V
Current Rating (Max.)	1A
DC Passing	DC Passing In/Out, DC Blocking Tap/In

NOTE: All specifications typical unless otherwise noted