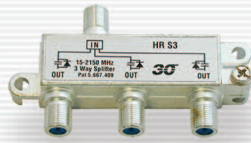


HIGH PERFORMANCE SATELLITE PASSIVES

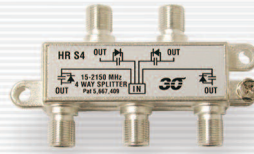
■ HR S SERIES : HRV S SERIES : HR T** SERIES : HRV T1** SERIES : HR TW* SERIES



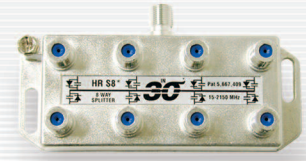
HR S2



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)

▼ CUSTOMER NOTES:

"3 SIGMA PERFORMANCE"

Hollands high performance passives are designed for distribution of digital satellite signals in applications where signal integrity is critical. The **HRS** and **HR VS Series** splitters utilize diode protected circuitry to prevent DC back-feeding.

HIGH PERFORMANCE SATELLITE PASSIVES

SPECIFICATIONS - HR S* SPLITTERS

PARAMETER	INSERTION LOSS (DB) (15 - 950 MHz)	INSERTION LOSS (DB) (950 - 2150 MHz)	RETURN LOSS (DB) (15 - 950 MHz)	RETURN LOSS (DB) (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.)	35 V
Current Rating (Max.)	1A

SPECIFICATIONS - HR T* DIRECTIONAL COUPLERS

PARAMETER	INSERTION LOSS (15 - 950 MHz)	INSERTION LOSS (950 - 2150 MHz)	RETURN LOSS (15 - 950 MHz)	RETURN LOSS (950 - 2150 MHz)
HR T106	2.5 dB	3.3 dB	16 dB	17 dB
HR TW6	2.5 dB	3.3 dB	22 dB	22 dB
HRV T106	2.5 dB	3 dB	16 dB	17 dB
HR T108	1.9 dB	2.7 dB	17 dB	18 dB
HR TW9	1.9 dB	2.1 dB	18 dB	19 dB
HRV T109	1.8 dB	2 dB	18 dB	19 dB
HR T112	1.6 dB	1.9 dB	16 dB	17 dB
HR TW12	1.6 dB	1.9 dB	19 dB	20 dB
HRV T112	1.6 dB	1.9 dB	19 dB	20 dB
HR T116	1.5 dB	1.9 dB	17 dB	18 dB
HR TW16	1.5 dB	1.9 dB	18 dB	20 dB
HRV T116	1.5 dB	1.7 dB	18 dB	20 dB

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