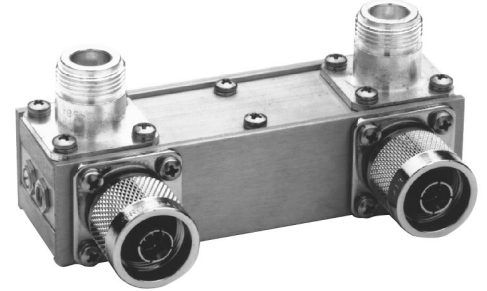


HH4141HP Coupler, unbalanced, 8.3/1.3 dB, N-Male/ N-Female, 600 Watts, 806-960 MHz

- 600 Watts power handling
- Unbalanced with 8.3 dB one port, 1.3 dB other port
- T1 to T2 inputs N Male, Load and antenna termination N Female.

With the growing requirement for closely-spaced higher power systems, Sinclair has introduced several new hybrid couplers. These hybrids have been carefully designed to handle the power levels used for “upband” trunking and 900 MHz paging. When installed on a panel with suitable Sinclair loads and harmonic filters, this series of ‘HP’ hybrid couplers is the basis of our higher power hybrid-ferrite combiners: a hybrid coupler panel is used to expand a 2-channel combiner up to 4 channels, 4 up to 6, etc.



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<b>E-mail</b>	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

### Electrical Specifications

Frequency Range	MHz	806 to 960	*1
VSWR (max)		1.25:1	
Impedance	Ω	50	
Connectors		N-Male/N-Female	
Power Rating	W	600	
Insertion Loss (max) Tx to Ant	dB	8.3	*2
Isolation (min)	dB	20	

### Mechanical Specifications

Width	in (mm)	4.9 (124)	*3
Depth	in (mm)	1 (25)	*4
Length/ Height	in (mm)	1.2 (30)	*5
Weight	lbs (kg)	0.6 (0.27)	
Actual shipping weight	lbs (kg)	2 (0.91)	
Shipping dimensions	in (mm)	13x9x3 (330x229x76)	

### Environmental Specifications

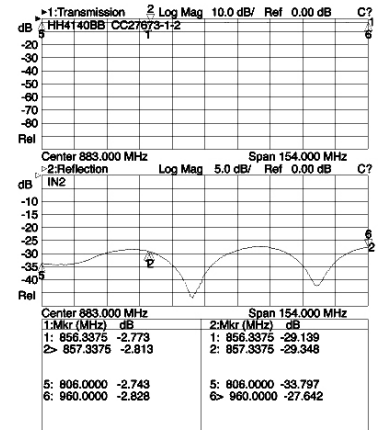
Temperature range	°F (°C)	-22 to +140 (-30 to +60)
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### Notes

- \*1 : Bandwidth at 3% of center frequency
- \*2 : Port 2. 1.3 dB Port 1
- \*3 : Excluding connectors
- \*4 : Excluding connectors
- \*5 : Excluding connectors

### Ordering Information

Specify operating frequencies.



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