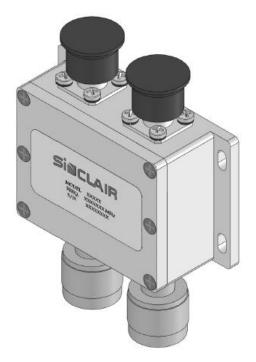


Hybrid Couplers UHF and Tetra Hybrid Couplers HH3 Series

HH3141C-1-1 Coupler, 70/30 split, 65 MHz bandwidth, 300 Watts, 350-415 MHz

- + Typ insertion loss of 1.7 +/- 0.2 dB and 5.4 +/- 0.4 dB
- 65 MHz Bandwidth
- · 300 Watts power handling

Sinclair's new unbalanced hybrd coupler provides isolation over the whole 350-415 MHz band and is capable of handling up to 300W of power. The space saving package allows the coupler to be mounted in a 1U high tray. Available in either 70/30 or 80/20 splits.



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com
Product Specification Sheet EPR 018673		HH3141C-1-1	Issue: 1	Dated: 08-10-13 Dated: 16-01-12
Customer Tech Manual 006309		Sinclair's commitment to product leadership may result in improvement or change to this product		

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Hybrid Couplers UHF and Tetra Hybrid Couplers HH3 Series

Frequency Range	MHz	350 to 415	
VSWR (max)		1.25:1	
Insertion Loss (max)	dB	1.9	*1
Impedance	Ω	50	
Connectors		N-Male/N-Female	
Power Rating	W	300	
Isolation (min)	dB	20	

Notes

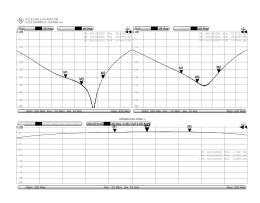
*1 : 1.9 for 70% side. 5.8 dB for 30% side.

Mechanical Specifications

Depth	in (mm)	2 (51)	
Length/ Height	in (mm)	1.15 (29)	
Width	in (mm)	3.12 (79)	
Weight	lbs (kg)	0.3 (0.14)	
Shipping dimensions	in (mm)	13x9x3 (330x229x76)	

Environmental Specifications

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



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