

HH3140CB Coupler, balanced, broadband, N-Female, 400 Watts, 225-520 MHz

- 295 MHz bandwidth
- Typical insertion loss of 3.2 dB per port
- N-Female connector on all ports

This new wide band hybrid coupler provides isolation over the whole 225-520 MHz band and is capable of handling up to 400W of power. The space saving package allows the coupler to be mounted in a 1U high tray.



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|---|-----------------------|--------------------------------------|--------------------------------|--|
| 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 018445 | | HH3140CB | Issue: 2 | Dated: 04-08-16 Dated: 15-12-15 |

Electrical Specifications

| | | | |
|--------------------------------|-----|------------|----|
| Frequency Range | MHz | 225 to 520 | *1 |
| VSWR (max) | | 1.25:1 | *2 |
| Impedance | Ω | 50 | |
| Connectors | | N-female | *3 |
| Power Rating | W | 400 | |
| Insertion loss (typ) Tx to Ant | dB | 3.2 | *4 |
| Isolation (min) | dB | 20 | |

Notes

- *1 : Bandwidth 295 MHz
- *2 : T1 to T2 ports
- *3 : (T1 to T2 inputs) and (Load to antenna)
- *4 : ±0.6 dB
- *5 : Excluding connectors
- *6 : Up to 3 per box

Mechanical Specifications

| | | | |
|---------------------|----------|----------------------|----|
| Width | in (mm) | 3.25 (83) | |
| Depth | in (mm) | 1.79 (45) | *5 |
| Length/ Height | in (mm) | 1.19 (30) | |
| Weight | lbs (kg) | 1.25 (0.57) | |
| Shipping dimensions | in (mm) | 9x6x2.5 (229x152x64) | *6 |

Environmental Specifications

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

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