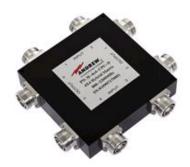
# Product Specifications







## Andrew Solutions H-4X4-CPU-D

4x4 High Power Hybrid Matrix, 800-2200 MHz

#### **General Specifications**

Device Type Hybrid

Interface 7-16 DIN Female

Brand Andrew®
Color Black

#### **Electrical Specifications**

Operating Frequency Band 800 – 2200 MHz

3rd Order IMD -140 dBc (relative to carrier)

3rd Order IMD Test Method Two +43 dBm carriers

Average Power, maximum 60 WCoupling 6.2 dBCoupling Tolerance  $\pm 0.2 \text{ dB}$ Frequency Sensitivity  $\pm 0.3 \text{ dB}$ Impedance 50 ohm

Insertion Loss at Frequency Band 0.3 dB @ 800-2200 MHz Isolation at Frequency Band 25 dB @ 800-2200 MHz

Peak Power, maximum 1 kW
Reflected Power, maximum 60 W
Return Loss, minimum 20.0 dB
VSWR 1.2:1

#### Mechanical Specifications

Inner Contact Plating Silver
Outer Contact Plating Trimetal

### **Environmental Specifications**

Application Indoor/Outdoor

Ingress Protection Test Method IEC 60529:2001, IP65

Operating Temperature -25 °C to +85 °C (-13 °F to +185 °F)

Relative Humidity Up to 100%

#### **Dimensions**

Height 35.00 mm | 1.38 in Length 196.00 mm | 7.72 in

# Product Specifications



H-4X4-CPU-D

Width

Net Weight 3010.00 g | 6.64 lb 196.00 mm | 7.72 in



#### **Packed Dimensions**

Height 55.0 mm | 2.2 in Length 235.0 mm | 9.3 in Shipping Weight 3220.00 g | 7.10 lb Volume 2908.1250 in<sup>3</sup> Width 225.0 mm | 8.9 in

### **Regulatory Compliance/Certifications**

**Agency** 

Classification

RoHS 2002/95/EC

Compliant by Exemption

ISO 9001:2008 Designed, manufactured and/or distributed under this quality management system

