

**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 W
Coupling	6.2 dB
Coupling Tolerance	±0.2 dB
Frequency Sensitivity	±0.3 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

COMMScope®

H-4X4-CPU-D



Net Weight	3010.00 g   6.64 lb
Width	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

RoHS 2002/95/EC  
ISO 9001:2008

### Classification

Compliant by Exemption  
Designed, manufactured and/or distributed under this quality management system

