

**Andrew Solutions
H-4X4-CPU-N****4x4 High Power Hybrid Matrix, 800–2200 MHz**

General Specifications

Device Type	Hybrid
Interface	N 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	26.00 mm 1.02 in
Length	183.00 mm 7.20 in

Product Specifications

COMMSCOPE®

H4X4CPUN



Net Weight 1610.00 g | 3.55 lb
Width 183.00 mm | 7.20 in

Packed Dimensions

Height	40.0 mm 1.6 in
Length	215.0 mm 8.5 in
Shipping Weight	1750.00 g 3.86 lb
Volume	1806.0000 cc
Width	210.0 mm 8.3 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

