

H-4X4-UW-43-A16

Low PIM 4x4 High Power Hybrid Matrix, 555–6 000 MHz



Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Product Type | Hybrid matrix |

General Specifications

| | |
|------------------------------|----------------|
| Device Type | Hybrid |
| Application | Indoor/Outdoor |
| Color | White |
| Inner Contact Plating | Silver |
| Interface | 4.3-10 Female |
| Outer Contact Plating | Trimetal |

Dimensions

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|---------------|---------------------|
| Height | 32.3 mm 1.272 in |
| Width | 182.6 mm 7.189 in |
| Length | 182.6 mm 7.189 in |

Electrical Specifications

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|--------------------------------------|---|
| 3rd Order IMD | -163 dBc |
| 3rd Order IMD Test Method | Two +43 dBm carriers |
| Return Loss at Frequency Band | 17.7 dB @ 555–6000 MHz |
| Average Power, maximum | 100 W |
| Coupling | 6.2 dB |
| Coupling Tolerance | ±1.4dB @ 600–5950 MHz ±2.0dB @ 555–600 MHz ±2.0dB @ 5950–6000 MHz |
| Impedance | 50 ohm |
| Isolation at Frequency Band | 19 dB @ 555–6000 MHz |

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|---------------------------------|----------------|
| Operating Frequency Band | 555 – 6000 MHz |
| Peak Power, maximum | 1 kW |
| Reflected Power, maximum | 100 W |

Environmental Specifications

| | |
|---------------------------------------|--------------------------------------|
| Operating Temperature | -35 °C to +85 °C (-31 °F to +185 °F) |
| Relative Humidity | Up to 100% |
| Ingress Protection Test Method | IEC 60529:2001, IP67 |

Packaging and Weights

| | |
|-----------------------|--------------------|
| Height, packed | 45 mm 1.772 in |
| Width, packed | 210 mm 8.268 in |
| Length, packed | 210 mm 8.268 in |
| Weight, gross | 1.77 kg 3.902 lb |
| Weight, net | 1.64 kg 3.616 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

