

S-2-TCPUSE-H-N



Multiband Two-way Reactive High Power Splitter, 380–2700 MHz
(Additional mounting bracket PN:42396A-17 sold separately)

OBSOLETE

This product was discontinued on: March 30, 2016

Replaced By:

S-2-TCPUSE-H-NI6

Multiband Two-way Low PIM Reactive High Power Splitter, 340–2700 MHz (Additional mounting bracket PN:42396A-17 sold separately)

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Product Type

Power splitter

General Specifications

Device Type

Splitter

Application

Indoor/Outdoor

Color

Black

Inner Contact Plating

Silver

Interface

N Female

Outer Contact Plating

Trimetal

Dimensions

Height

25 mm | 0.984 in

Width

61 mm | 2.402 in

Length

283 mm | 11.142 in

Electrical Specifications

3rd Order IMD

-150 dBc

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| | |
|---|-----------------------|
| 3rd Order IMD Test Method | Two +43 dBm carriers |
| Return Loss, minimum | 20.8 dB |
| Average Power, maximum | 300 W |
| Dissipative Loss at Frequency Band | 0.1 dB @ 380–2700 MHz |
| Impedance | 50 ohm |
| Operating Frequency Band | 380 – 2700 MHz |
| Peak Power, maximum | 3 kW |
| Power Rating, Splitting | 300 W |
| Reflected Power, maximum | 300 W |
| Split Loss | 3 dB |
| VSWR | 1.2 |

Environmental Specifications

| | |
|---------------------------------------|--------------------------------------|
| Operating Temperature | -25 °C to +85 °C (-13 °F to +185 °F) |
| Relative Humidity | Up to 100% |
| Ingress Protection Test Method | IEC 60529:2001, IP65 |

Packaging and Weights

| | |
|-----------------------|--|
| Height, packed | 43 mm 1.693 in |
| Width, packed | 80 mm 3.15 in |
| Length, packed | 310 mm 12.205 in |
| Volume | 1066400 mm ³ 65.076 in ³ |
| Weight, gross | 0.6 kg 1.323 lb |
| Weight, net | 0.53 kg 1.168 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |

