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CommScope 2-Way Low PIM 4.3-10 Female High Power Splitter, 555-6000 MHz

SKU
ACC-CS-00030
MPN
S-2-UW-H-43-I6

Description

The CommScope 2-Way Low PIM High Power Splitter (SKU: ACC-CS-00030, Part Number: S-2-UW-H-43-I6) is designed for robust RF applications, operating across a frequency range of 555 MHz to 6000 MHz. This splitter features a 4.3-10 Female connector on both input and output ports, ensuring compatibility and ease of installation in network setups. With a coupling value of 3.00 dB, it supports efficient signal division while maintaining high performance with a 3rd Order PIM rating of -165 dBc and an input impedance of 50 Ω.

The splitter is built to endure harsh environments, boasting an IP67 ingress protection rating and an operational temperature range from -25 °C to 85 °C. Between 555 and 2700 MHz, it delivers a VSWR of less than 1.3:1, a return loss of ≤19.10 dB, and an insertion loss of 0.20 dB. From 2700 to 6000 MHz, the insertion loss is 0.30 dB. It complies with ISO 9001 and RoHS standards, ensuring quality and environmental...

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CommScope (NASDAQ: COMM) helps design, build and manage wired and wireless networks around the world. As a communications infrastructure leader, we shape the always-on networks of tomorrow. For more than 40 years, our global team of greater than 20,000 employees, innovators and technologists have empowered customers in all regions of the world to anticipate what’s next and push the boundaries of ...

RF Specification

Min. Frequency
555 MHz
Max. Frequency
6000 MHz
Coupling / Split
3 dB
Input Impedance
50 Ω
Max. Input Power
300 W
PIM, 3rd Order
-165 dBc
Port Matrix

Port Function	RF Interface
Input	4.3-10 Female
Output	4.3-10 Female

Frequency Test Data

Start Frequency	Stop Frequency	VSWR	Insertion Loss	Return Loss

555 MHz	2700 MHz	< 1.25:1	0.2 dB	≤ 19.1 dB
2700 MHz	6000 MHz		0.3 dB	

Physical Specification

Input Ports
1
Output Ports
2
Subtype
Power Divider
Ingress Protection
IP67
Dimensions
269 x 66 x 25 mm
Weight
0.42 kg
Min. Operating Temperature
-25 °C
Max. Operating Temperature
85 °C
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS

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