

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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RF Specification

Min. Frequency:	555 MHz	Input Impedance:	50
Max. Frequency:	6000 MHz	Max. Input Power:	300 W
Coupling / Split:	3 dB	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	Min. Operating Temperature:	-25 °C
Output Ports:	2	Max. Operating Temperature:	85 °C
Subtype:	Power Divider	Compliance/Certifications:	ISO 9001 Quality Management
Ingress Protection:	IP67	RoHS	
Dimensions:	269 x 66 x 25 mm		
Weight:	0.42 kg		

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