

# 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 |

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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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