

## Low Power DAS Splitters Low Loss 2, 3 and 4-Way

### PRODUCT OVERVIEW

Our DAS 2, 3, and 4-way splitters distribute low power wireless signals evenly throughout a DAS network. RF performance is optimized for carrier signals in the 698-2700MHz. band. The Wilkinson style based circuit design gives high output port to output port isolation while still providing low insertion loss. Units are available with 7/16 DIN, or 4.3-10 connectors for tight mechanical connections.



AWS Low Power Splitters

### Key Features

- Good Output Port to Output Port Isolation
- Low Insertion Loss
- Rated to 5 and 10 Watts
- High Reliability
- ROHS Compliant

### Specifications

Power Splitters – Low Power (5-10 Watt)			
Connector Type	2-Way Split	3-Way Split	4-Way Split
N Connector	LPS-2N-69827	LPS-3N-69827	LPS-4N-69827
7/16 DIN Connector	LPS-2D-69827	LPS-3D-69827	LPS-4D-69827
4.3/10 Connector	LPS-2B-69827	LPS-3B-69827	LPS-4B-69827
Preliminary Specifications Values			
Frequency Range	698 - 2700 MHz	VSWR: Outputs	
Divider/split loss		2-way splitter, 4-way splitter	1.25:1 Max
2-way splitter	3 dB	3-way splitter	1.30:1 Max
3-way splitter	4.8 dB		
4-way splitter	6 dB	Isolation Loss Between Outputs	20 dB Min
Device Loss		Power rating (avg.)	
2-way splitter	0.4 dB Max	2-way splitter, 4-way splitter	10W
3-way splitter	0.5 dB Max	3-way splitter	5W
4-way splitter	0.6 dB Max	Impedance (nom)	50Ω
Amplitude balance between output ports		Environment	-30 to +60°C
2-way splitter	0.3 dB Max	Housing	Passivated Aluminum
3-way splitter	0.6 dB Max	Connectors	Brass / Tri-plate
4-way splitter	0.5 dB Max		
VSWR: Inputs			
2-way splitter, 4-way splitter	1.25:1 Max		