

DAS Low Power Splitters

AWS iDAS 2, 3, and 4-way splitters distribute low-power wireless signals evenly throughout an iDAS network.

RF performance is optimized for carrier signals in the 694-2700 MHz band. Based on the Wilkinson-style circuit design, these splitters deliver high output port-to-output-port isolation - while still providing low insertion loss.

Units are available with N-type and 4.3-10 connectors.



2, 3, 4-Way iDAS Low Power Splitters

Features & Benefits:

- 694-2700 MHz Band
- Good Output Port-to-Output Port Isolation
- Low Insertion Loss
- Rated to 5 and 10 Watts
- High Reliability
- ROHS Compliant

Specifications

	2-Way Split	3-Way Split	4-Way Split
N Connector Part Numbers	LS-2N50-69427	LS-3N50-69427	LS-4N50-69427
4.3-10 Connector Part Numbers	LS-2B50-69427	LS-3B50-69427	LS-4B50-69427
Frequency Range	694 - 2700 MHz		
Divider/Split Loss	3 dB	4.8 dB	6 dB
Device Loss	0.4 dB Max	0.5 dB Max	0.6 dB Max
Amplitude Balance (Between output ports)	0.3 dB Max	0.6 dB Max	0.5 dB Max
VSWR: Inputs	1.25:1 Max	1.30:1 Max	1.25:1 Max
VSWR: Outputs	1.25:1 Max	1.30:1 Max	1.25:1 Max
Isolation Loss Between Outputs	20 dB Min		
Power rating (avg.)	10W	5W	10W
Impedance (nom)	50Ω		
Environment	IP67		
Operating Temperature Range	-30°C to +60°C		
Housing	Passivated Aluminum		
Connectors	Brass / Tri-plate		
Weight ~ Lbs. / Kg	.406 / .184	1.05 / .474	1.18 / .537