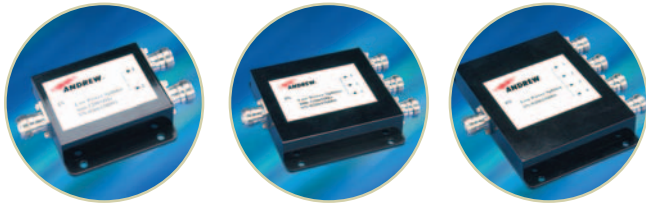


## Multiband Low Power Splitters

### 800–2500 MHz—N Connectors

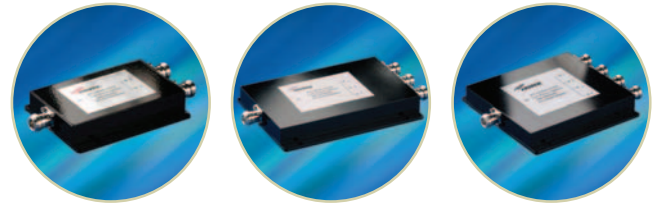


S-2-CPUS-L-N

S-3-CPUS-L-N

S-4-CPUS-L-N

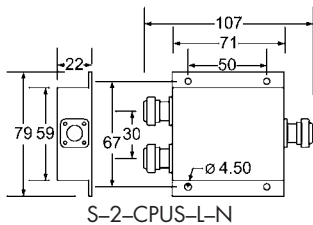
### 300–960 MHz—N Connectors



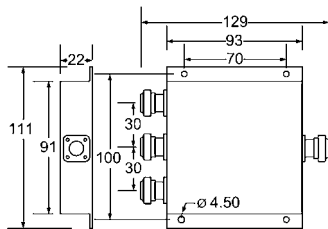
S-2-TC-L-N

S-3-TC-L-N

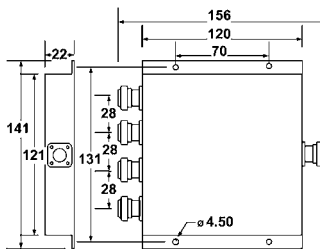
S-4-TC-L-N



S-2-CPUS-L-N



S-3-CPUS-L-N

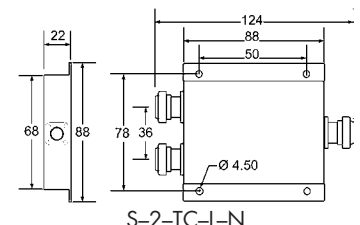


S-4-CPUS-L-N

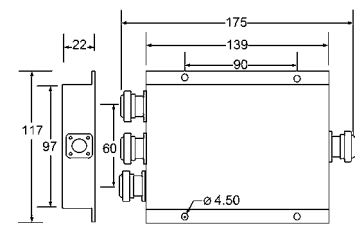
### Multiband Low Power Splitters

Andrew's multiband, low-power splitters are designed to evenly split low power RF signals with minimal reflections or loss. The wide frequency range allows use with single or multiband antennas and radiating cable systems. The multiband frequency range includes SMR/Cellular, PCS, and UMTS. The multiband splitters are designed for indoor/outdoor (IP65) use.

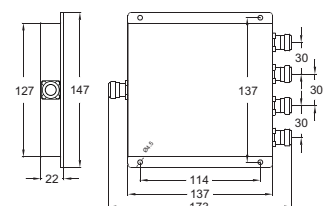
- 50 watt average power rating
- Minimal RF insertion loss
- High reliability
- N Female connectors
- Low cost designs for ease of mounting to pole or wall



S-2-TC-L-N



S-3-TC-L-N



S-4-TC-L-N

illustration measurements are represented in millimeters

### Specifications

### Multiband Part Numbers

	S-2-CPUS-L-N	S-3-CPUS-L-N	S-4-CPUS-L-N	S-2-TC-L-N	S-3-TC-L-N	S-4-TC-L-N
Frequency Range (MHz)	800–2500			300–960		
VSWR	1.2:1			1.35:1		
Split Loss (dB nominal)	3	4.8	6	3	4.8	6
Dissipative Loss (dB nominal)	0.3	0.5	0.4	0.3	0.5	0.5
Power Rating (watts)	Splitting: 50/Combining: 0.5			Splitting: 100/Combining: 0.5		
Isolation (dB minimum)	20			20		
Passive Intermodulation, PIM	–110 dBc @ 2 x 43 dBm inputs			–140 dBc @ 2 x 43 dBm inputs		
Impedance (ohms nominal)	50			50		
Temperature Range (C)	–35° to +75°			–35° to +75°		
Relative Humidity (%)	0 to 95			0 to 95		
Applications	Indoor/Outdoor, IP65 rating			Indoor/Outdoor, IP65 rating		
Connectors	N Female			N Female		
Connector Finish	Inner layer—Silver plate/Outer layer —Cu-Sn-Zn plate			Inner layer—Silver plate/Outer layer —Cu-Sn-Zn plate		
Housing Finish	Black powder paint			Black powder paint		
Bracket Part Number	7543492	7543459	7543459	7543459	7543490	7543963
Weight, g (oz)	260 (9.1)	440 (15.5)	610 (21.5)	320 (11.28)	620 (21.9)	800 (28.2)

All values are typical values