



# POWER COMBINER/DIVIDER (LA100-207)

DATA  
SHEET  
No. T153

- HIGH POWER
- LOW LOSS
- RUGGED CONSTRUCTION

MEC model LA100-207 is an S-Band (WR430) 4 horn combiner/divider used for satellite up-link communications. This design features an input magic tee with integral high power load, waveguide plumbing with fabricated E and H bends, two output tees with integral H-bends on co-linear arms and high power loads. There are 4 in phase outputs. The complete assembly is mounted on a common flange.

Contact MEC with your specific requirements. Our engineering staff will be glad to discuss your needs.



## SPECIFICATIONS:

<b>Model Number</b>	<b>LA100-207</b>
<b>Frequency:</b>	transmit 1.75-1.85 GHz
	receive 2.20-2.30 GHz,
<b>Power</b>	3 KW CW
<b>Insertion Loss</b>	<0.25 dB
<b>VSWR</b>	<1.2:1
<b>Phase balance</b>	+/- 2 deg
<b>Amplitude balance</b>	+/- 0.2 dB
<b>Input/Output Ports</b>	<b>WR430</b>

Data subject to change without notice



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