

WINEGARD®

Amplified Combiner for WMTS Antenna Systems (Wireless Medical Telemetry Service) Model TAC-616 608-614 MHz 4-Input Hospital Telemetry Combiner



Model TAC-616 Winegard's Model TAC-616 is a certified medical telemetry combiner for use in the WMTS band of 608-614 MHz. It cannot be used as a splitter. It has four inputs for connection to antennas and line amplifiers. There is a single output port. Thru gain from any input to the output is +8dB. Powering is by +14 TO +24VDC at the output. All RF ports are DC passive, with a PTC device at each input port to limit the DC current from the output to any input. An LED indicator shows correct DC current from the output to any input. Other features included for high signal integrity are a high selectivity bandpass using a SAW filter, high input to input isolation, low noise figure and high signal handling. A rugged extruded aluminum housing ensures excellent mechanical integrity, heat dissipation and RF shielding.

Features

- Die cast housing ?
- LED line power indicator ?
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TYPICAL APPLICATION

Specifications for TAC-616

FORWARD

Bandpass.....	608-614 MHz
Gain.....	4 output: +8dB
Noise Figure.....	Typ. 3 dB
Return Loss.....	1.5:1
Output Flatness.....	1 dB
Input to Input Isolation.....	30dB
Operating Temperature.....	40°F to +140°F/-40°C to +60°C
Power Requirements	
DC Supply.....	+14 to +24 VDC
DC Current Draw.....	65mA (to amplifier)
DC Pass.....	output to each input
DC Current Pass.....	maximum 1.35A (PTC protected)
Connector Type.....	360° pin crimp all ports F-Female (SCTE compliant polished brass F-ports)
Housing.....	Aluminum
Dimensions.....	4.90"W x 3.92"H x 1.5"D
Weight.....	0.6 lbs.



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