

Amplifiers



TS0205CDRM



TS0205

Model#	Type	Output Power	Transmit Current	Dimensions
VHF (132-174MHz)				
TS0201-xxx/N	Mobile	30-45 watts	8 amps	9.5" L x 3.0" H x 4.5" W
TS0203-xxx/N	Mobile	70-120 watts	24 amps	11.6" L x 3.0" H x 5.5" W
TS0201CDRM-xxx/N	Rack Mount	30-45 watts	8 amps	19" W x 5.3" H x 3.0" D
TS0203CDRM-xxx/N	Rack Mount	70-120 watts	24 amps	19" W x 7.0" H x 5.0" D
UHF (380-512MHz)				
TS0205-xxx/N	Mobile	25-45 watts	8 amps	9.5" L x 3.0" H x 4.5" W
TS0206-xxx/N	Mobile	70-100 watts	20 amps	11.6" L x 3.0" H x 5.5" W
TS0205CDRM-xxx/N	Rack Mount	25-45 watts	8 amps	19" W x 5.3" H x 5.0" D
TS0206CDRM-xxx/N	Rack Mount	70-100 watts	20 amps	19" W x 7.0" H x 5.0" D
("xxx" designates the center frequency in MHz)				



Amplifiers

General Specifications

RF Input Power	1-4 watts												
Impedance	50 Ohms												
RF Connectors	N Female												
Duty Cycle	Rack Mount - 100%												
	Mobile												
	<table><tr><th>Power</th><th>Duty Cycle</th></tr><tr><td>20 w</td><td>80%</td></tr><tr><td>40 w</td><td>50%</td></tr><tr><td>60 w</td><td>40%</td></tr><tr><td>80 w</td><td>30%</td></tr><tr><td>100 w</td><td>20%</td></tr></table>	Power	Duty Cycle	20 w	80%	40 w	50%	60 w	40%	80 w	30%	100 w	20%
Power	Duty Cycle												
20 w	80%												
40 w	50%												
60 w	40%												
80 w	30%												
100 w	20%												
Bandwidth	± 10 MHz from center frequency												
Rx Insertion Loss	< 1 dB												
Tx Switching Time	< 1 msec.												
Temperature Range	-30° to +50° Celsius												
Input Voltage	13.6 VDC, 11.5VDC min, 14.5VDC max												
Receive Current	3 ma												
Power Connector	Cinch 4 pin male												

Mobile Amplifier Dimensions

