

## 19" Rack Mount Duplexer Cum PSU CSG 1215 SDR

CSG 1215 SDR is a Combo unit providing advantages of 19 inch rack configuration housing both 50 Watt Duplexer (VHF / UHF band) and 15 Amp Power supply in single shelf, 2U high.



FRONT VIEW



REAR VIEW

The cable entry to Duplexer and to Power Supply is from the rear side.



## Power Supply cum Battery Charger With Auto Switchover

<b>PARAMETERS</b>	<b>SPECIFICATIONS</b>
AC Input Voltage Range	170 - 270 V AC, 1Φ
Input Frequency	50 ~ 60 Hz
<b>Output Specifications</b>	
DC Output Voltage	13.5 V DC
DC Output Current – Equipment	15.0 Amp.
DC Output Current– Battery	7.0 Amp.
Output Ripple (P-P) Max.	< 1 %
Output Voltage Regulation	≤ ±2 %
Efficiency at Full Load	85 %
Approx. Dimensions (H x W x D)	89 x 483 x 200 mm
Approx. Weight	4.800 kg
<b>Indications</b>	
Green LED Mains ON	When AC is Available
Yellow LED Battery ON	When Battery is Supplying Power to the Radio
RED LED Battery Low	When Battery Voltage is less than 11.4 V
<b>Environmental</b>	
Operating Temperature	0 °C - 50 °C
Humidity	5 % to 95 % Non-Condensing
<b>Safety &amp; EMI</b>	
Safety	CE Approved, Designed to meet IEC – 1950
EMI	FCC Class - B / CISPR22
<b>Protections</b>	
Output Over Voltage	PSU Trips on Over Voltage Condition
Output Over Load	Output Folds Back on Over Load
Short Circuit	Goes to Hick-up Mode on Short Circuit
Battery Reverse Polarity	PSU Protected Through External Fuse

## Band Reject Notch Type Mobile Duplexer 50 Watt Continuous UHF Band CSG 2440 NX

PARAMETERS	SPECIFICATIONS
Frequency Range	400 ~ 500 MHz
Frequency Separation	5 / 10 MHz
Insertion Loss	$\leq 1.3$ dB
Isolation	$\geq 75$ dB for Tx - Rx, 5.0 MHz $\geq 75$ dB for Tx - Rx, 10.0 MHz
Return Loss	$\geq 18$ dB
Power Rating	50 Watt
Connectors	N-Female
Dimensions Approx.(H x W x D)	32 x 155 x 220 mm
Weight (Approx.)	1.20 kg
Operating Humidity	5 % ~ 95 %
Operating Temperature	-25 °C ~ +60 °C



## Band Reject Notch Type Mobile Duplexer 50 Watt Continuous VHF Band CSG 2150 NX

PARAMETERS	SPECIFICATIONS
Frequency Range	136 ~ 174 MHz
Frequency Separation	5.0 MHz
Insertion Loss	$\leq 1.2$ dB
Isolation	$\geq 75$ dB
Return Loss	$\geq 18$ dB
Connectors	N-Female
Power Rating	50 Watt
Dimensions Approx.(H x W x D)	32 x 155 x 198 mm
Weight (Approx.)	1.0 kg



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