

SM3300B0-5 SM3300 3 Port Combiner Unit



The SM3300 Combiner Unit is designed to connect two antennas to a single transmitter, enhancing radio performance within a vehicle without the need for switching circuitry. This passive unit operates in the 380MHz to 410MHz frequency range and features an insertion loss of less than -0.5 dB, with port-to-port isolation under -30 dB. Offering superior performance compared to active switch units, the SM3300 is also ideal for combining two bumper-mounted antennas into one transmitter, further boosting operational efficiency. This unit is also compatible with other frequencies. Contact us for more information.

Technical Specifications

Band	TETRA x2
Frequency Range (MHz)	380-410 MHz
Input Power	25W
Insertion Loss	<-0.5dB*
Port Isolation	<-30dB
VSWR	<1.5:1
Impedance	50Ω
Connection	BNC (f)
Temperature Range (°C)	-20°C to +60°C
Dimensions (mm)	L137 x W75 x H32

*Excluding combining losses.

Subject to change.

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