

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 -0.5dB**, with **port-to-port isolation under -30dB**. 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

Part No.	SM3300B0-5
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.

Sure Antennas. 6 Woodway Court, Thursby Rd, Bromborough, Merseyside CH62 3PR, United Kingdom
Schiphol Airport Tetra, Transpolis Park, Siriusdreef 17-27, 2132 WT Hoofddorp, Netherlands

T. +44 (0)151 363 7377 | E. sales@sure-antennas.com

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www.sure-antennas.com