

# Westell Cross Band Coupler | Public Safety 700 & 800 MHz

Includes FirstNet

## General Description

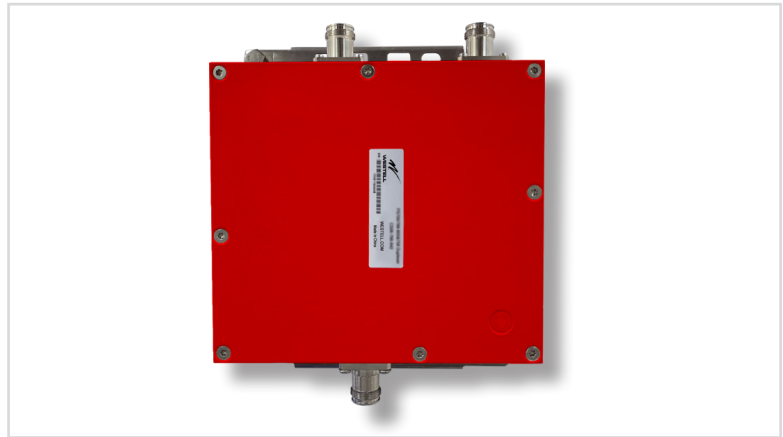
Westell Cross Band Couplers provide for the combining of multiple frequency bands on shared cables and multi-band antennas.

### Product Highlights

- VSWR  $\leq 1.43:1$
- PIM (2x43dBm)
- Power Rating 50 Watts Avg.

### Frequency Range

- Port 1: UL 788-805/DL 758-775 MHz (FirstNet)
- Port 2: UL 806-824/DL 851-869 MHz



Cross Band Coupler PS700/800

### Ordering Information

Part Number	Description
CS06-764-838	CBC-PS7(FN)/PS8/N(f)

### Electrical Specifications

Frequency Range	Port 1: UL 788-805/DL 758-775 Port 2: UL 806-824/DL 851-869
VSWR	$\leq 1.43:1$
PIM (2x43dBm)	$\leq -153$ dBc
Input/Output Impedance	50 Ohm
Power Rating	50 Watts Avg.
Insertion Loss	$\leq 4.0$ dB

### Mechanical Specifications

Case Material	Aluminum
Installation Kits	Stainless Steel
Connectors	N-Female
Weather resistance Color	IP67 Red 200C
Weight	3 lbs
Dimensions	7.5"x5.8"x2.2" (not incl. mntg hdwre)
Operating temperature	-20° C to +60° C
Storage Temperature	-40° C to +85° C
Relative Humidity	5% - 95%

### Block Diagram

