

# Westell Duplexers | Public Safety 700 & 800 MHz

Includes FirstNet



## General Description

Duplexers allow for bi-directional communication over a single path and separate uplink/downlink to the DAS interface system and DAS head end. These cover the Public Safety 700 and 800 bands, including the 700 MHz FirstNet spectrum.

## Product Highlights

- VSWR  $\leq 1.29:1$
- PIM (3rd order)  $\leq -153$  dBc @ 2x20 W
- Operating Temperature  $-20^{\circ}$  C to  $+60^{\circ}$  C

## Frequency Range

- UL 788-805 and DL 758-775 MHz
- UL 806-824 and DL 851-869 MHz

## Electrical Specifications

Frequency Range	Public Safety 700	Public Safety 800
VSWR	$\leq 1.29:1$	
PIM (3rd order)	$\leq -153$ dBc @ 2x20 W	
Isolation	50 dB minimum	
Impedance	50 Ohms	
Power Rating	50 watts avg. 500 watts peak	
Insertion Loss	$\leq 1.0$ dB	



PS 700 and 800 Duplexers

## Ordering Information

Part Number	Description
CS06-766-842	Duplexer PS700/788-805&758-775/includes FirstNet-N(f)
CS06-767-843	Duplexer PS800/806-824&851-869/N(f)

## Mechanical Specifications

Connectors	N-Female
Finish	Tarnish & corrosion resistant paint coating
Operating Temperature	$-20^{\circ}$ C to $+60^{\circ}$ C
Dimensions (both):	5.0"L x 8"W x 2.1"H
IP Rating	IP67

