



WIRELESS PRODUCTS

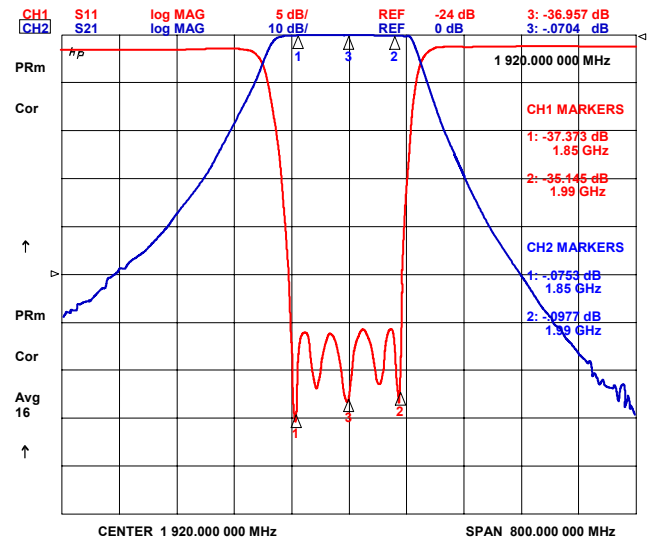
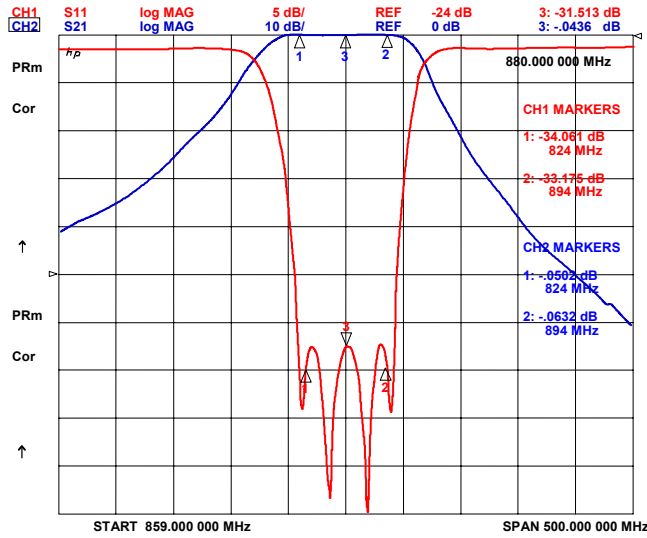
850 / 1900 Diplexer

ClearComm Technologies' **CCDP-565-1W** series is a high performance Diplexer / Combiner that allows the use of common cabling for both 850 (AMPS) and 1900 (PCS) bands. The unit provides a means to combine or split the 850 and 1900 bands while providing high isolation. This product has very low Insertion Loss of less than 0.2 dB and a rated Return Loss of 24 dB min to make the introduction of the device transparent to the BTS. The device is IP-68 rated for use with indoor or outdoor applications. Available options include DC pass thru for TMA applications and a sample port for power monitoring. Units are provided with long-neck 7/16 DIN connectors for ease of connector-cable sealing in outdoor applications. For requirements specific to your needs, please contact ClearComm Technologies, LLC.

PARAMETER	SPECIFICATION
PASSBANDS	
AMPS Band	824 – 894 MHz
PCS Band	1850 – 1990 MHz
PASSBAND INSERTION LOSS	0.2 dB Max.
PASSBAND RETURN LOSS	24 dB Min.
ISOLATION	75 dB Min.
PASSIVE INTERMODS (with two +43 dBm tones)	-110 dBm
POWER HANDLING	750 W CW / AVG. 12 kW Peak
OPERATING TEMPERATURE	-40° to +85° C
ENVIRONMENTAL	Per ETS-300
WEATHERIZATION	Per IP-68
LIGHTENING PROTECTION	Per EN / IEC 61000 4-5, Level 4
CONNECTORS	7/16 DIN Female – Long Neck
DIMENSIONS	7.85" x 6.85" x 2.13" (See Outline)
WEIGHT	5.5 lbs (2.2 kg) with brackets
AVAILABLE OPTIONS	<ul style="list-style-type: none"> • DC Path thru 850, 1900 or both ports to Ant. Rated at 3A Max. Rated for AISG 2.0 CCDP-565-1W-X2 No DC Pass CCDP-565-1W-B1-X2 DC Pass on 850 CCDP-565-1W-B2-X2 DC Pass on 1900 CCDP-565-1W-B3-X2 DC Pass on Both



TYPICAL PERFORMANCE DATA



OUTLINE DIMENSIONS

