



THE SIGNAL FOR SUCCESS™

# SDR-CHC-S

## SMR800/900, PCS, BRS, WiFi Channel Combiner



### SPECIFICATION

ELECTRICAL SPECIFICATIONS		SMR 800/900	PCS	BRS	WiFi
FREQUENCY RANGE		806 – 940 MHz	1850 – 1995 MHz	2496 – 2690 MHz	2400 – 2473 MHz
CENTER FREQUENCY		873 MHz	1922.5 MHz	2593 MHz	2436.5 MHz
BANDWIDTH		134 MHz	145 MHz	194 MHz	73 MHz
INSERTION LOSS	DONOR	0.5 dB (Max)			N/A
	SERVER	0.5 dB (Max)		0.9 dB (Max)	1.4 dB (Max)
PASSBAND RIPPLE	DONOR	0.2 dB (Max)			N/A
	SERVER	0.2 dB (Max)		0.95 dB (Max)	0.65 dB (Max)
RETURN LOSS		15 dB (Min)			
ISOLATION		30 dB (Min), 20 dB (Min) between BRS + WiFi			
COUPLING PORTS		18 dB ± 3 dB			
POWER RATING		5W (Input Ports); 20W (Sum Port)			

GENERAL SPECIFICATIONS	
DIMENSION (W x H x D)	19.0 x 1.8 x 8.1 in
WEIGHT	8.8 lbs
OPERATING TEMPERATURE	-22° – 140° F
WEATHER RESISTANCE	IP40

Specifications are subject to change without notice. ©2014 Advanced RF Technologies, Inc.

TEL +1 818. 840. 8131 | FAX +1 818. 840. 8138  
 TECHNICAL/CUSTOMER SUPPORT +1 800. 313. 9345  
 www.adrftech.com | 3116 West Vanowen Street, Burbank, CA 91505 USA

