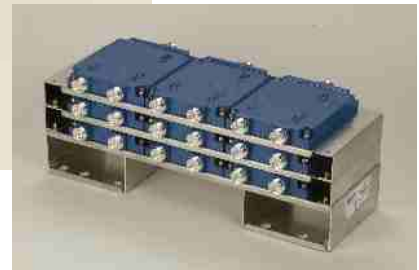
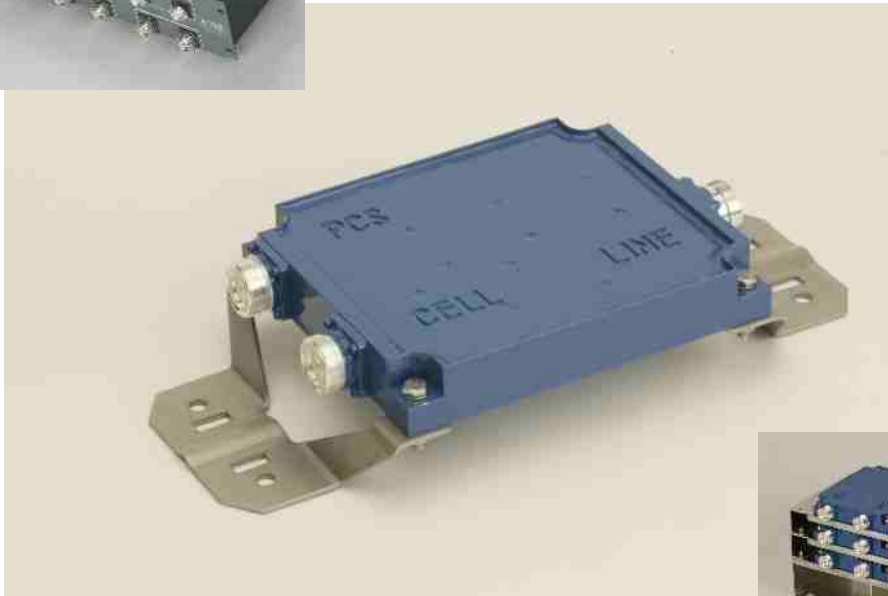




# Dual Band Combiner DBC-750

*Directing our energies for you.*



- O-Ring Sealed for Outdoor or Indoor Use
- Design Provides High Power Handling
- Designed for Superb IM Performance
- 100% Silver Plated
- Ultra Low Insertion Loss (0.10 dB)
- DC Block Options



Directing our energies for you.

# Dual Band Combiner DBC-750

## Electrical Specifications

Frequency Range	Cellular: 824-896 MHz PCS: 1850-1990 MHz
VSWR in Pass Bands	1.20:1 Maximum
Impedance	50 Ohms
Power Input Rating	Cellular: 500 Watts CW, 40 KW PIP PCS: 250 Watts CW, 20 KW PIP
Isolation	50 dB Minimum
Insertion Loss	0.1 dB Maximum
Intermodulation (2x20)	<-150 dBc
DC Current	5A Maximum



## Mechanical Specifications

Housing	
Material	Aluminum Alloy
Plating	Silver
Finish	Blue/Gray Urethane Paint
Operating Temperature	-40°C to +65°C
Connectors	7/16 DIN Female (Silver Plated)
Dimensions	7.85 x 6.63 x 1.25 (Inches), not incl bracket or conn.
Weight	4.88 lbs
Mounting	Wall or Pole Mt. SS hardware or Rack/Shelf Mt.
Environmental Testing	IEC 68-2-30 Damp Heat

## Ordering Information: DBC-750

Order Model Numbers:	Descriptions
999004	DC bypass between 850 port and common, DC blocked between 1900 port and common
999003	DC bypass between 1900 port and common, DC blocked between 850 port and common
999002	DC bypass between 850 port and common, DC bypass between 1900 port and common
999005	DC blocked between 850 port and common, DC blocked between 1900 port and common
999019	DC Block only, with 7/16 DIN connectors
LR3DBC-750	One ladder mount shelf, incl. 3 DBC750 units, mounting hardware not included
LR6DBC-750	One ladder mount shelf, incl. 6 DBC750 units, mounting hardware not included
LR9DBC-750	One ladder mount shelf, incl. 9 DBC750 units, mounting hardware not included
HDWRKIT-RKMT	Hardware kit to bolt any LR shelf unit to overhead ladder rack