

## \$ Saver Product Line

- ◆ Integrates WCS and 2600 TDD with other wireless bands
- ◆ Low PIM Guaranteed
- ◆ Up to 250W/input CW Avg. Power
- ◆ Rugged, High Reliability
- ◆ 50 dB Input Isolation
- ◆ Minimal RF Insertion Loss & Ripple
- ◆ RoHS compliant



Model Number	Connectors	Input Power		Weight, max. lb. (kg)
		CW Avg.	Peak	
<b>BK-69D</b>	7-16 (f)	250W	3kW	4.4 (2.0)

Microlab BK-69 Diplexer enables equipment overlay of WCS band or 2600 TDD band onto existing wireless systems. To minimize inter-reaction between the two input bands they are well isolated and have minimal insertion loss over their respective frequency bands.

**Frequency Bands:**

Port 1:	698 - 960 MHz 1695 - 2200 MHz
Port 2:	2300 - 2700 MHz
Isolation:	>50 dB, between input ports
Return loss, all ports:	>19 dB
Passband Loss:	<0.5 dB
Intermod. Distortion:	<-161 dBc, (test with 2 +43dBm tones)
Impedance:	50Ω nominal
Environment:	-40°C to +65°C, IP67
Finish: Connectors:	Triplate
Housing:	Gray Paint

BK-69D Outline

