



Features & Benefits

Feature	Benefit
<p>High performance (range, throughput, coverage) PMP solution in 4.4 – 5.0 GHz Military Band (802.16e features including MIMO Matrix B / HARQ)</p>	<p>Higher speed broadband data Wider coverage area Less equipment Less complex architecture</p>
<p>“Built for Defense” MIL-STD 810 & IP67 Rugged All-in-One, All-Outdoor solution with flexible mounting options, light weight and low power consumption enabling setup in <1 hour.</p>	<p>Rapid and repeated deployment capability Withstands tough environments Design for tactical broadband applications</p>
<p>Standards-based 802.16e Technology in 4.4 - 5.0 GHz Military Band</p>	<p>Leverages commercial features and performance Stays current with latest advances</p>

The RDB45350 Difference



- **Coverage and Link Reliability**
 - Two transmitters in each direction (2 x 27dBm at AP; 2 x 22dBm at RM)
 - MIMO Matrix A – spatial diversity for better nLOS/NLOS coverage
 - HARQ – advanced error correction
- **Throughput and Performance**
 - Up to 45Mbps aggregate per sector
 - 10/7/5/3.5MHz channel bandwidths
 - MIMO Matrix B – dual stream data for higher throughput
 - 64QAM in UL and DL
- **Ruggedized Flexible Packaging**
 - Vehicle/Mast/Temporary Mounts
 - All-Outdoor Radios
- **Commercial Off-the-Shelf Technology**
 - 802.16e/WiMAX air interface
 - Leverages commercial 3GHz platform

