



FM-CW Wind Profile Radar

The FM-CW Wind profile radar is designed with high surveying performance for low altitude temporal resolution and system sensitivity.

Technical Data

<i>Minimum exploring altitude</i>	<i>10-20m</i>
<i>Maximum exploring altitude</i>	<i>600-1200m</i>
<i>Measurement tolerance:</i>	
<i>Horizontal wind speed</i>	<i>$\leq 1.5\text{m/s}$</i>
<i>Vertical airstream</i>	<i>$\leq 0.2\text{m/s}$</i>
<i>Wind direction</i>	<i>$\leq 10^\circ$</i>
<i>Height Resolution</i>	<i>3m/12m/48m</i>
<i>Time resolution</i>	<i>$\leq 1\text{min}$</i>
<i>Working style</i>	<i>FMCW</i>