

SMA R20-5000

5km Azimuth & Elevation Scanning 3D Coordinate Radar

This radar can be interfaced with an optoelectronic system, enabling integration with countermeasure devices such as jammers, laser weapons, and navigation decoy systems.



Parameters

Performance

Radar Band	X-Band (9 ~ 10.2 GHz)
Detection Range	5000 m
Detectable Target Speed	1-100 m/s
Elevation Detection Range	0-30°
Range Accuracy	≤10 m
Positioning Accuracy	≤0.6°
Elevation Accuracy	≤0.6°

Environment

IP Protection Rating	IP65
Operating Temperature	-40 ~ 70 °C

Technical

Technical System	Pulse-Doppler Radar
Data Rate	6 s
Target Capacity	200 targets

General

Power Source	AC 220V
Total Power	220 W
Dimensions	1020*310*410 mm
Weight	≤35 kg

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