



NavNet 3D Radar Sensor		DRS6A	DRS12A	DRS25A
ANTENNA				
Peak Output Power		6 kW	12 kW	25 kW
Type		4' Open	4'/6' Open	4'/6' Open
RF TRANSCEIVER				
Frequency		9410 ± 30 MHz		
Pulselength & PRR		0.08 µs/3000 Hz (0.0625 to 0.75 nm) 0.15 µs/3000 Hz (1 to 1.5 nm) 0.3 µs/1500 Hz (2 nm) 0.5 µs/1000 Hz (3 to 4 nm) 0.7 µs/600 Hz (6 to 8 nm) 0.8 µs/600 Hz (8 to 64 nm)	0.08 µs/3000 Hz (0.0625 to 0.75 nm) 0.15 µs/3000 Hz (1 to 1.5 nm) 0.3 µs/1500 Hz (2 nm) 0.5 µs/1000 Hz (3 to 4 nm) 0.7 µs/600 Hz (6 to 8 nm) 0.8 µs/600 Hz (8 to 64 nm) 0.8 µs/550 Hz (72 nm)	0.08 µs/3000 Hz (0.0625 to 0.75 nm) 0.15 µs/3000 Hz (1 to 1.5 nm) 0.3 µs/1500 Hz (2 nm) 0.5 µs/1000 Hz (3 to 4 nm) 0.7 µs/600 Hz (6 to 8 nm) 0.8 µs/600 Hz (8 to 64 nm) 0.8 µs/550 Hz (72 to 96 nm)
Beam Width	Horizontal	1.9°	1.9°/1.4°	1.9°/1.4°
	Vertical	22°	22°/22°	22°/22°
Range Scales		0.0625 to 64 nm	0.0625 to 72 nm	0.0625 to 96 nm
Antenna Rotation Speed		24/36/48 rpm		
Wind Load		Relative Wind 70 kt		
ENVIRONMENT				
Temperature		-30°C to + 55°C		
Waterproofing		IP26		
Power Amp Unit	MFD8	PSU-012	PSU-012	PSU-013
	MFD12	Not required (Power Provided by the Display Unit)		PSU-013
	MFDBB	Not Required (Power Provided by the BB Processor)		PSU-013

3.5' Open Radar Sensor DRS4A
22 kg 48.5 lb

4' Open Radar Sensor DRS6A/12A/25A
22 kg 48.5 lb

6' Open Radar Sensor DRS12A/25A
25 kg 55.1 lb

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