

FMCW Radar

<100mW EIRP

M10 Pan/Tilt Bracket

UV Stable Polycarbonate

2.7W at 12V DC (225mA)

Opto, Relay or RS422

20 years

ETSI EN 301 489 and BS EN 50293

ETSI 300.440, FCC CFR47 Part 15.245*

2 - 5m nominal

0.7 Kg nominal

Self coated black

-20°C to +60°C

IP65

44MHz

SPECIFICATIONS

Technology

Bandwidth

Mounting

Weight

Sealing

Power

MTBF

Range

Radiated Power

Centre Frequency

Mounting Height

Housing Material

Operating Temperature

Housing Finish

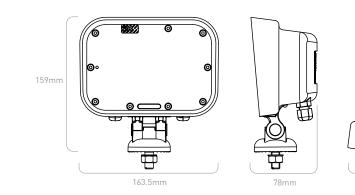
Power Supply

Radar Output

EMC Specification

Radio Specification

Speed Range



24.174GHz (channel 1) - 24.223GHz (channel 2)

6 to 150m (depending on variant)

4 to 300 kph (depending on variant)

APPLICATIONS

163.5mm

- Single lane detection for traffic control
- Single-lane multi-loopreplacement detection for crossing and junction approaches
- MOVA Junctions
- Cycle Detection
- Bus/HGV Detection & Discrimination
- Speed Discrimination
- Detection for 'Green Wave' Applications
- Wrong direction detection for highways
- Sign activation
- Dual line detection for rail

Owing to the Company's policy of continuous improvement, AGD Systems Limited reserves the right to change their specification or design without notice. AGD products should be installed by a competent person.

12VDC, 24Vac/DC, 230Vac depending on model

PRODUCT VARIANTS	
318-300-000	Multi-application radar / 230V / 24.174GHz / RS422 Speed & Count output / 5m lead
318-304-022	Multi-application radar / 230V / 24.174GHz / Dual Relay output / WiFi / 5m lead
318-305-021	Multi-application radar / 230V / 24.174GHz / Single Relay output / WiFi / 5m lead
318-500-000	Multi-application radar/ 12/24V / 24.174GHz / RS422 Speed & Count output / 5m lead
318-508-000	Multi application radar / 12/24V / 24.174GHz / RS422 Speed & Count output / 5m lead / Self Test Option
318-510-000	Multi-application radar / 12/24V / 24.124GHz / RS422 Speed & Count output (International Variant)
318-511-022	Multi-application radar / 12/24V / 24.174GHz / Dual Opto output / Wi-Fi / 3m lead + mating lead
318-512-022	Multi-application radar / 12/24V / 24.174GHz / Dual Opto output / WiFi / 5m lead
318-513-021	Multi-application radar / 12/24V / 24.174GHz / Single Opto output / WiFi / 3m lead + mating lead
318-514-021	Multi-application radar / 12/24V / 24.174GHz / Single Opto output / WiFi / 5m lead





