

## MK-ES20/MK-ES21

### Small Enclosure Kit

Mars enclosure kit designed for integration of RF PCB from different manufactures with Mars antennas.

Enclosure kit includes:

- Enclosure Die Cast Aluminum.
- Base for RF PCB (See ordering options).
- RJ45 Ethernet Waterproof Connector.

Enclosure Kit Features:

- Suitable for integration with 200x200, 305x305, 370x370 and 600x600 mm Mars antennas\*.
- Suitable for pole or wall azimuth and elevation adjustable mounting.
- Heavy duty.

Suitable for Mount MNT-22 or MNT-60A\*.



(\*) MNT-22 suitable for 200x200, 305x305, 370x370 mm Mars antennas.  
MNT-60A suitable for 600x600 mm Mars Antennas.

### Specifications

#### **Mechanical**

Enclosure Material	Aluminum A380
Enclosure dimensions (external)	180 x 167 (242 with RJ45) x 68 mm
Base for RF plate material	Aluminum
Base for RF dimensions	150 x 138 mm, height of PCB (max) - 55 mm
Enclosure Finish	White electrostatic powder coating
Connector	RJ45 Ethernet Waterproof Connector
Weight (without MNT)	0.7 kg.
Suitable for pole diameter range	25-120 mm (Screws supplied are 80 mm. Longer screws are available on request)

#### **Environmental**

Operating Temperature Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Flammability	UL94
Ice and Snow	25 mm radial (survival)
Water proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

### Ordering Options

MK-ES20	Base for RF PCB
MK-ES21	Base for RF PCB with embedded PEMs suitable for RB-411/RB-711

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