

# TELESAT-5

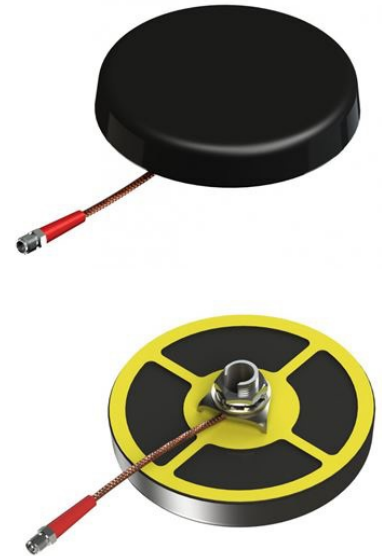
## Rugged low profile multiband antenna

Heavy duty omni-directional 5-BAND antenna for through-hole roof mounting on trucks, trailers etc.

- LOW PROFILE DESIGN
- NO GROUNDPLANE NEEDED
- 5 BANDS IN ONE INSTALLATION

## ELECTRICAL SPECIFICATIONS

|                  |  |
|------------------|--|
| Frequency        | 790 - 960 MHz, 1710 - 2170 MHz, 2500 - 2690 MHz<br>(GSM850/900/1800/1900/UMTS/LTE) |
| Impedance        | 50 ohm   |
| VSWR             | < 4.0:1 (790-960 MHz), < 5.0:1 (1710-2170 MHz), < 9.0:1 (2500-2690 MHz)            |
| Polarisation     | Linear   |
| Gain             | 0 dBi  |
| Max. Input Power | 10 W (GSM/UMTS/LTE)  |



## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | Black  |
| Height                | 16 mm  |
| Weight                | 125 g  |
| Diameter              | Ø 92 mm  |
| Mounting              | Bolt-on with adhesive for effective sealing  |
| Mounting Place        | On horizontal surface (Max. panel thickness 3 mm with cables to the side or 12 mm with cables straight out of the antenna) |
| Mounting Instruction  | Unobstructed view to satellites  |
| Mounting hole         | Ø 13 - 20 mm   |
| Build-in Depth        | Approx. 17 mm  |
| Materials             | ABS, PE, brass and PCB   |
| Operating Temperature | -40°C to +70°C   |
| Connectors            | SMA-female (Other types available)   |
| Cable                 | 0.15 m (Other lengths available)   |
| Ingress protection    | IP65 (When mounted)  |

## ORDERING INFORMATION

|     |  |
|-----|--|
| P/N | 45500  |
| P/N | 45500IP (Bulk packing)                           |
| P/N | 45501IP 2,5 m cable + FME-female - Bulk packing) |

## PACKAGING INFORMATION

|      |  |
|------|--|
| Type | Bulk packing or individually packing in Polybag (See "Part No.") |
|------|--|

