

# 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 (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)



## Datasheet

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## 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

45500	TELESAT-5 (5-BAND)
45500 IP	TELESAT-5 (5-BAND) (Bulk packing)
45501 IP	2,5 m cable + FME-female - Bulk packing)

## PACKAGING INFORMATION

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