



## CT150

Radome enclosed low profile antenna

VHF communications 150 MHz & L1 GPS 1575.42 MHz



The low profile and rugged CT150, satellite communications and GPS antenna is the ideal antenna choice for situations where a traditional whip would be vulnerable to damage or vandalism.



Typical applications suited for the CT150:

- Trains
- Buses
- Forklifts
- Tractors
- Forestry Vehicles
- Logging Trucks
- Police
- Ambulance
- Fire Brigade
- S.E.S vehicles
- Security Services
- Mining Vehicles



Construction	White ABS radome, aluminium mount plate and 2 cable assemblies - black available upon special request
Tuning	Factory
Connectors	VHF Communications: SMA male L1 GPS: SMA male
Cables	VHF Communications : 4.5 metres MIL-SPEC RG58 Low Loss L1 GPS: 5 metres RG174A/U
Dimensions	Length: 610mm; Width: 125mm; Height: 85mm
Mounting hardware	4 x M6 x 20mm set screws - supplied

### VHF Communications

Frequency range	Transmit: 148-150.5 MHz	Receive: 137-138 MHz
Bandwidth	Full frequency ranges stated	
Gain	0dBd	
VSWR	<2:1	
Impedance	50 Ohms	
Polarisation	Vertical	

### GPS

Frequency range	L1 GPS 1575.42 MHz
Operating voltage	2.2-5.4 VDC
Gain	32dBi



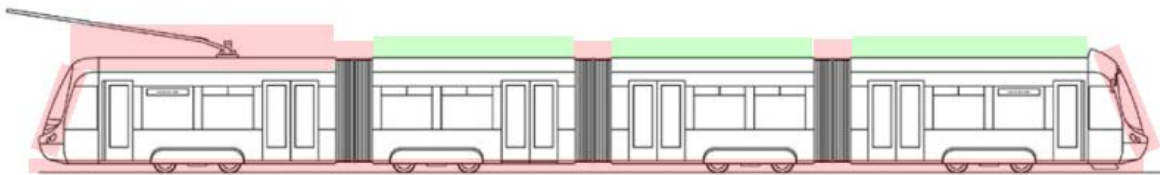
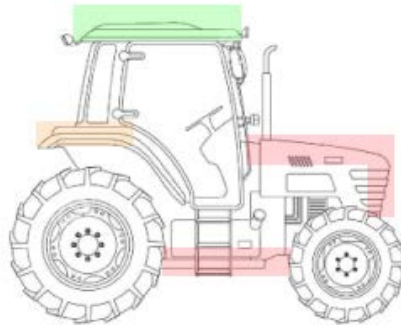
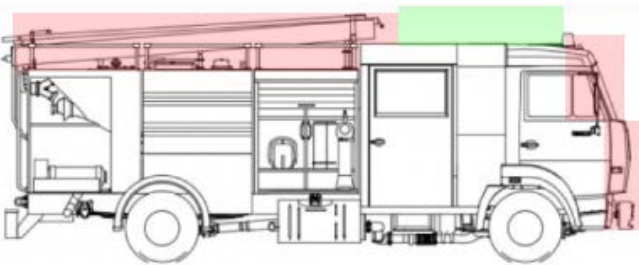
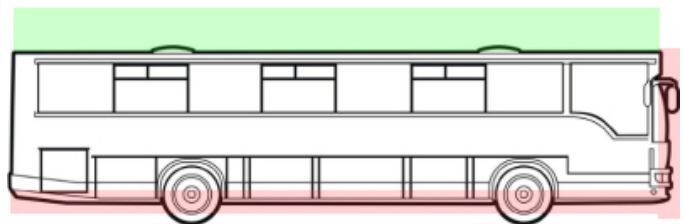
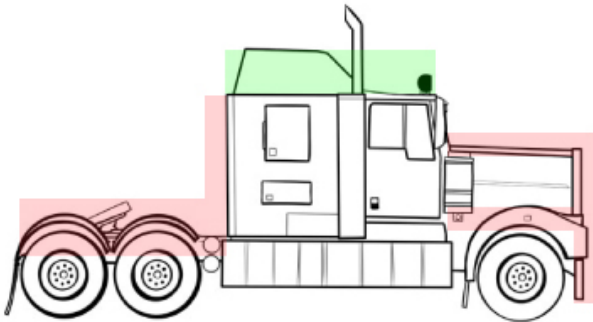
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Vehicle Mounting locations



- Best/Recommended location for mounting - must be metal surface
- Suitable mounting locations- must be metal surface
- Not suitable mounting locations

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