

## LOCOMOTIVE ANTENNAS

The Comtech TP series quarter-wave dipole antennas with very high efficiency are each supplied with a mounting plate to install the antenna to the surface of the vehicle and a coax cable terminated with a connector.

Each antenna is completely protected from corrosive gases, ultraviolet radiation, salt spray, acid rain and abrasives such as windblown sand in desert environments.

**Please note!**

The working frequencies, the cable length and the type of connector are provided according to the customer requirements.



### Technical specifications

Locomotive Antennas		
TP Series	Frequency range 136-500 MHz	
	TP160	TP400
Electrical specifications		
Frequency range, MHz	136-174	400-500
Gain, dB	3	6
Power rating, W	200	200
Bandwidth, MHz	4	
SWR	<1,5:1	
Impedance, Ohm	50	
Termination	N-Type Female *	
Mechanical specifications		
Dimensions, m	0,45x0,20x0,10	0,25x0,20x0,10
Weight, kg	1,5	1,1
Max Rated Wind Velocity, km/h	240	
Max Rated Wind Velocity with 0.01m radial ice, km/h	200	