Dual vehicle antenna 2.4 GHz 0.9 m

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The antenna is designed for fixed installation on all types of wheeled and tracked vehicles. It has omnidirectional radiation pattern, vertical polarization and high radiation effectiveness. Design – two centrally fed coaxial dipoles. The radiators inside the tube are fully encapsulated in polyurethane foam. The antenna is recommended for PR20V vehicular radio sets. The antenna may also be used with the VICM120 wireless interface unit connected to the VICM200/100 communication system. The antenna consists of the antenna base and the antenna radiator. The antenna base is equipped with a rubber cap to protect the antenna radiator thread. The antenna is ideal for situations when the lack of space in the vehicle prevents installation of two independent antennas required for the diversity transmission PR20 system.

Technical parameters

Frequency range	2400 MHz to 2480 MHz
VSWR	max. 1.8
Radiation pattern	
- horizontal	omnidirectional
- vertical	as dipole
Nominal impedance	50 Ω
Power load	max. 20 W
Gain	typ. 0 dBi
Antenna height	0.9 m
Maximum weight	3 kg
Connector	2 x SMA (female)
Radiator length	0.705 m
Antenna base height	255 mm (including the cap)
Operating temperature	-55 °C to +71 °C
Surface finish	polyurethane lacquer
Color	olive
Standard NATO	3 or 6 screws M6 on 111 mm circle

MESIT asd, s.r.o.
Sokolovská 573, Mařatice
686 01 Uherské Hradiště
Česká republika

asd@mesit.cz
T +420 572 522 200
F
www.mesitasd.cz