

DKS100

Vehicular Docking Station For Fixed Handheld Radios

1. FUNCTION

The DKS100 are Vehicular Docking Stations designed to support and supply power to fixed TRC9100 and TRC5100 Handheld Section radios.

2. DESCRIPTION

On a mechanical frame (MS02) used as a support for fixation on the vehicle, each docking station includes a power supply adapter (DRA01) to be connected to the radio in the place of the regular external battery, and the DC/DC converter for radio power supply (DRA02) and its cables.

As an option, a long and loose cable between DRA01 and DRA02 may be supplied to allow the crew to use the radio outside the vehicle such as a wired terminal. The radio is connected to a vehicle roof antenna, and to a handset.



3. CHARACTERISTICS

3.1. Electrical characteristics

Power supply input DRA02: 24V DC +/- 20%
Power supply input DRA01: 8.0 V DC +/- 10%
Protections: All inputs-outputs are protected against shortcuts and over currents.

3.2. Mechanical Characteristics (MS02)

- Fixation by 4 screws
- Dimensions: Height: 222mm, Width: 118 mm, Depth: 62 mm
- Total weight 800g (adapter and radio)
- Color : Army Green DKS 100
Sand color : DKS 100-S

3.3. Environmental characteristics

The docking station is compliant with MIL STD 810E in term of:

- Vibration, drops and shock.
- Operating temperature :-25°C to +55°C
- Storage -40°C to +70°C
- Humidity: 90%RH