



Description

The sound-powered headset AVP45514Z works only with the energy generated by the voice (without battery, without power supply) and allows audio communication over several kilometers. The sound-powered headset is used for secured voice communication on surface ships and submarines and also in harsh industrial environments (refineries, tunnels, mines, energy, explosive gas environments...). This headset offers all the advantages of sound-powered telephones while enabling hands free operation.

The wire is equipped with a calling howler.

Key Features

- Microphone and earphone: sound-powered transducers A47421
- Thermoplastic ear pads
- AVP Noise cancelling ear domes
- Straight cord output
- Comfortable head pad
- Calling howler

Environmental Characteristics

- Operating Temperature : -20°C to +55°C
- Drop resistant
- RoHS

Dimensions

- Length : 265mm
- Width : 200mm
- Height : 130mm
- Weight : 650g

Sound Powered transducer

A47421

- Technology : Electromagnetic
- Isolation for 100VDC : >20MΩ
- Connection : Terminals

Microphone

- Impedance at 1000Hz : 600Ω
- Efficiency at 600Hz on 600Ω (109dB / 6mm) : 17mV ±4dB

Earphones

- Impedance at 1000Hz : 600Ω
- Sensitivity at 1000Hz (at 1mW) : >130dB
- Maximum power : 300mW

Wiring

Wiring that makes two sons without polarization.

HEADQUARTERS

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