

Tunnel Phone – Pocket Size LB Phone

Pocket sized User-friendly
LB phone for industrial
environment



Functionality:

Tunnel Phone is a pocket sized lightweight, ruggedized, portable 2-wire LB Analogue field telephone for voice communication.

Applications:

- Speech communication inside tunnels.
- Wired communication inside mines
- Secure communication for war fighting soldiers
- Long distance point-to-point wired communication



Design:

In accordance with MIL requirement for use in harsh environment.

H-350/U type handset, compatible with helmet

Features:

- Compact and light weight
- Ruggedized housing made of Aluminum
- Very low power consumption, hence long battery life.
- Receive speech path always on
- Push-To-Talk based voice transmission.
- PTT based handset/headset compatible function
- Adjustable receive volume levels for acoustical signal
- Clip to hang the phone on waist belt.
- Easy field replaceable 3xAAA batteries



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Line Transmission

Transmission length	Up to 30 km
Speech range	55dB
Speech output	> 900mV RMS

Acoustical Interface

Frequency range	300 - 3400 Hz
Microphone / Speaker type	Dynamic
Speaker impedance	1000 Ω
Side tone	> 14dB

Environmental Data

Operating Temperature	-20°C to +55°C
Storage Temperature	-30°C to +70°C
Relative Humidity	95 % (+40°C)
IP rating	IP65

Reliability

MTBF	> 85,000 hours
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Dimensions and weight

Height	34 mm
Width	76 mm
Length	151 mm
Weight	465 gms