

# Tellabs® 1900-48 Remote Outdoor Cabinet

## Overview

The Tellabs® 1900-48 Remote Outdoor Cabinet is an environmentally controlled enclosure that supports a single, reduced-size Tellabs® 1000 Multiservice Access Platform (MSAP) Channel Bank Assembly (CBA) and optional protector panel, integrated charger/rectifier, and batteries. The Tellabs 1900-48 cabinet has a total capacity of 48 lines, and is ideal for medium-line applications such as business parks, apartment complexes, and rural areas.

Like all Tellabs 1000 multiservice access products, the Tellabs 1900-48 cabinet supports POTS, Integrated Services Digital Network (ISDN), special services, T-1, xDSL, fiber, wireless and more. The cabinet can be deployed in any network topology (point-to-point, star, tree etc.) including integrated and universal configurations. The CBA functions as a D4 Channel Bank, Intelligent Channel Bank, Digital Loop Carrier (DLC), MSAP, Next Generation Digital Loop Carrier (NGDLC) and proprietary fiber mux.

The Tellabs 1900-48 cabinet may be configured initially to utilize copper T-1 facilities for transport, while allowing plug-in, non-service affecting upgradability to fiber facilities at the customer's convenience.



Figure 1. Tellabs® 1900-48 Remote Outdoor Cabinet

## RSC/48 Features

- Environmental alarms
- Telcordia-compatible design
- -48V DC-powered cooling fans
- Integrated heat exchanger
- Vented, separate battery compartment
- Pad, pole, H-frame, or wall mounting options
- Small size for low profile
- Multiple powering options
- Multiple battery backup options
- AC surge protection
- Hex key lock (pad-lockable for additional security)
- MS<sup>2</sup> or 710 connectors
- Fiber splice and distribution options
- Copper line protection
- Optional generator connector

## Specifications:

### Enclosure

Precision fabricated sheet aluminum (steel base) with front and rear doors, powder coated in natural tan. Cabinet cable entry through base in cable splice management area.

### Powering

Local AC Power (110V AC @ 2 Amp max. or 220V AC @ 1 Amp max.)

- - 48V volt battery charger/rectifier with 220V/110V Volt, 50/60 Hz. connection (optional redundancy available)
- Local AC service disconnect entry and external generator input

### Battery Power (-48V DC)

- Four 14 AH, sealed, lead acid batteries available for minimum 8-hour backup

power (based on TR-NWT-000057)

- Optional 16-hour back-up

### Environmental

- Operating temperature: -40°C to +50°C (-40°F to +122°F)
- Battery heaters available for colder climates

### Compliance

- UL/CSA listed
- FCC compliant
- Bellcore compliant

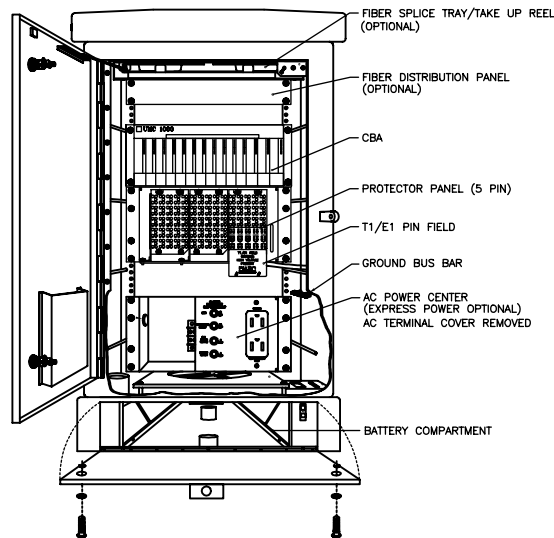
### Mounting

- Pad
- Wall
- Pole
- Optional pour-in-place template available
- H-frame

- Optional 6", 9", and 15" base available

### Dimensions

- Height: 32.75 in. (83 cm)
- Width: 19.1 in. (48.6 cm)
- Depth: 17.7 in. (44.9 cm)
- Weight: 125 lbs. (56.75 kg) without batteries or plug-in cards



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