

# Tellabs® 1900-120A Remote Outdoor Cabinet

## Overview

The Tellabs® 1900-120A Remote Outdoor Cabinet is an environmentally controlled enclosure supporting one Tellabs® 1000 Multiservice Access Platform (MSAP) Channel Bank Assembly (CBA) with fan shelf, protector panel, Universal Power Assembly (UPA), Charger/Rectifier, and batteries.

The Tellabs 1900-120A cabinet has a total capacity of 120 lines, and is configured for small-to-medium broadband installations requiring optimal Asymmetric Digital Subscriber Line (ADSL) service card capacity without exceeding heat and power thresholds. The Tellabs 1900-120A cabinet is ideal for fiber-in-the-loop and fiber-to-the-curb applications and for applications in business parks, multiple dwelling and multiple tenant units, and rural areas.

The cabinet provides a cost-effective alternative for applications with moderate ADSL service volumes. It 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.

Like all Tellabs 1000 MSAPs, the Tellabs 1900-120A cabinet supports POTS, Integrated Services Digital Network (ISDN), special services, T-1, xDSL, fiber, and wireless. The cabinet can be deployed in any network topology (point-to-point, star, tree), including integrated and universal configurations. Digital Loop Carrier (DLC), Internet Message Access Protocol (IMAP), Next Generation Digital Loop Carrier (NGDLC) and fiber mux.



Figure 1. Tellabs® 1900-120A Remote Outdoor Cabinet

## RSC/120A Features

- Environmental alarms
- Telcordia compatible design
- -48V DC powered cooling fans
- Optional risers
- Vented, separate battery compartment
- Pad, pole, H-frame, or wall mounting options
- Small size for low profile
- Powering options (110V/220V AC)
- Battery backup options (8 or 16 hours)
- AC surge protection
- Hex key lock (pad-lockable for additional security)
- MS2 or 710 connectors
- Fiber splice and distribution options
- Copper line protection
- Optional generator connector

## Specifications:

### Enclosure

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

### Powering

Local AC Power (110V AC @ 5 Amp max. or 220V AC @ 2 Amp max.)

- -48V battery charger/rectifier with 110V/220V, 50/60 Hz. connection (optional redundancy available)
- Local AC service disconnect entry and external generator input Battery Power (-48V DC)
- Four 35 AH, sealed, lead acid batteries available for minimum 8 hours 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

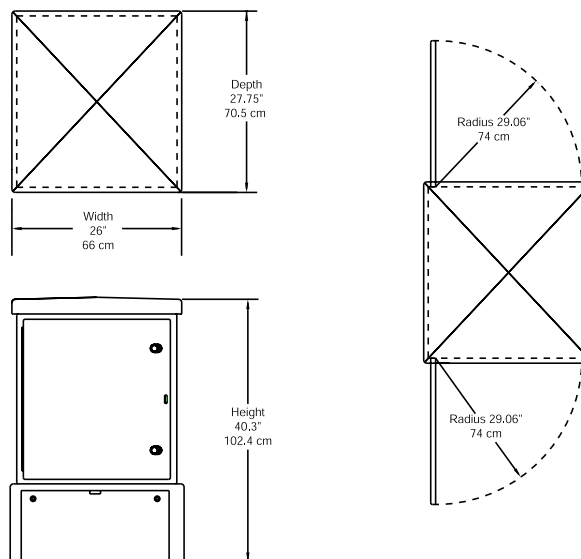
- UL/CSA listed
- FCC compliant

### Mounting

- Pad
- Wall
- H-frame
- Pole
- Optional pour-in-place template available
- Optional 6", 12" and 18" base available

### Dimensions

- Height: 34.3 in. (87.1 cm) on 6 in. standard base
- Width: 26.0 in. (66.0 cm)
- Depth: 27.75 in. (70.5 cm)
- Weight: 300 lbs. (136 kg) without batteries or plug-in cards



Tellabs® 1000-120A (on 12 in. base) front, top, and doorswing views

### North America

Tellabs  
One Tellabs Center  
1415 West Diehl Road  
Naperville, IL 60563  
U.S.A.  
+1 630 798 8800  
Fax: +1 630 798 2000

### Asia Pacific

Tellabs  
3 Anson Road  
#14-01 Springleaf Tower  
Singapore 079909  
Republic of Singapore  
+65 6215 6411  
Fax: +65 6215 6422

### Europe, Middle East & Africa

Tellabs  
Abbey Place  
24-28 Easton Street  
High Wycombe, Bucks  
United Kingdom  
HP11 1NT  
+44 870 238 4700  
Fax: +44 870 238 4851

### Latin America & Caribbean

Tellabs  
1401 N.W. 136th Avenue  
Suite 202  
Sunrise, FL 33323  
U.S.A.  
+1 954 839 2800  
Fax: +1 954 839 2828

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