

# Tellabs® 1000 Multiservice Access Platform — 1000 Watt Universal Heat Exchanger (1000 UHX)

## Overview

Many service providers have turned to Tellabs to rehabilitate and extend the service life and capabilities of existing cabinet installations. Tellabs network revitalization solutions provide route relief, expanded service offerings and ease of provisioning, with enhanced flexibility, capability and capacity.

## Universal Heat Exchanger

The Tellabs® 1000 Multiservice Access Platform (MSAP) 1000 Watt Universal Heat Exchanger (1000 UHX) is a one-piece, aluminum fan unit that can be attached to virtually all existing third-party and Tellabs cabinets. The 1000 UHX gives existing cabinets improved thermal capacity and allows service providers to deploy additional equipment and DSL cards.

## Features and Benefits

- All-aluminum construction
- Reliability: L-10 life of 40,000 hours minimum
- Performance: 1000 Watts at a 20° C temperature rise
- Closed loop, internal ambient, air-to-air heat exchanger
- Acoustic noise: <65 dBA
- Operating temperature: -20° C to +75° C
- Storage temperature: -40° C to +85° C

## Specifications:

### Weight

- 30 lbs

### Dimensions

- Height: 52 in (132 cm)
- Width: 19 in (48 cm)
- Depth: 4.5 in (11.43 cm)

### Power

- -48 VDC 1.6 amps
- Thermal protection
- Fans turn on at 38° C (100° F) and turn off at 29° C (85° F)

### Environmental

- Operating temperature: -20° C to 75° C (-4° F to 167° F)
- Storage: -40° C to 85° C (-40° F to 185° F)
- Polyester powder coat protection finish

### Security

- 1000 UHX is bolted to cabinet for tamper-proofing

### Bonding and Grounding

- 12 gauge ground wire

### Equipment Mounting

- Mounts on MESA® Cabinet Series doors only
- Drill templates and method of procedures are provided

### Compliance

- Telcordia GR-487 and UL60950 compliant
- Verification: Fans/Blowers UL/CSA-CUL
- Fire and safety: UL 94-VO and UL 94-VH
- GR-487 for wind-driven rain and weather tightness; all-aluminum construction
- Externally exposed components are compliant with GR-487 Salt Fog Tests

## 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  
HP11 INT  
United Kingdom  
+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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