

Tellabs® 1000 Multiservice Access Platform — 500 Watt Universal Heat Exchanger (500 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) 500 Watt Universal Heat Exchanger (500 UHX) is a one-piece, aluminum fan unit that can be attached to virtually all existing third-party and Tellabs cabinets. The 500 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: 500 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



Tellabs® 1000 MSAP
500 Watt Universal Heat Exchanger

Specifications:

Dimensions

- Height: 29.5 in (75 cm)
- Width: 19 in (48 cm)
- Depth: 4.5 in (11.43 cm)
- Weight: 30 lbs

Power

- -48 VDC 1.6amps
- 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

- 500 UHX is bolted to cabinet for tamper-proofing

Bonding and Grounding

- 12 gauge ground wire

Equipment Mounting

- Mounts on the cabinet door or wall
- 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-V0 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

Universal Heat Exchanger is approved for ordering in the SE – Ordering Information: RDSC Code - TC80ADRMTUHX

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