2' X 4' CEILING ENCLOSURE FOR ACTIVE COMPONENTS

~ **American Access Technologies, Inc.**™
Telecommunication Enclosures

The A1024-HR is a "mini-telecommunications room" enclosure suitable for use in air handling spaces. It is designed to be located within drop ceilings. The enclosure requires a space that is 48" long by 24" wide and 10" high and is designed to replace a single 2' x 4' acoustical ceiling tile, but can be used in larger spaces. A1222-HR should be supported from building structure independent from the drop ceiling "grid" with (4) 3/8" threaded rods and appropriate attachment hardware (ordered separately).

A1024-HR has two edge-protected cable access ports that include fire rated foam sealing kits, and cable tie points within the enclosure. Use Saf-T-Grip® Cable Management Straps to secure cables. A fully hinged door supports equipment. The door includes a removable rack-mount assembly with 5U of mounting space divided into 2U-1U-2U spaces for patch panels and 2U of mounting space for active components measuring up to 10-1/4" deep. The enclosure includes a junction box for a single duplex power outlet and a filtered fan to remove heat from the enclosure (air is drawn from and expelled to the office space, not the space above the drop ceiling).

The door is level with the drop ceiling when closed and has a recessed panel that may be fitted with a ceiling tile which helps the enclosure blend with the drop ceiling. The door opens downward (toward the floor). Brackets hold the door in the open position so that equipment will face the service technician. Locks may be ordered separately if security is a concern.

■ Cable Entry/Exit
- (2) 3" wide x 6" high edge-protected cable access ports
- Includes approved fire-rated foam sealing kits

■ Equipment Support
- Removable door-mounted assembly for 19" rack-mount patch panels and active equipment
- 5U divided 2U-1U-2U for patch panels/cable managers, 1" of usable depth.
- 2U for active components up to 13" deep
- Door will support 20-lb.
- Enclosure will support 70-lb (includes door load).
- Includes a junction box with a position for a single duplex outlet, and a two-bolt ground.
- Ventilation fan and filters, 9 CFM, includes 115V AC/DC transformer.

UL LISTED

Part Number	Description	Shipping Weight
A1024-HR	2' x 4' Ceiling Enclosure for Active Components	47 lb

■ Materials
- Enclosure: .060" thick sheet aluminum, riveted construction
- Foam Sealing Kit: Polychloroprene latex compound

■ Packaging
- 1 Enclosure/Carton

■ Approvals
- UL Listed - Communications Circuit Accessory
- UL File Number/E185147 (UL 1863; UL 50; UL 2043)

■ Specifications
- Enclosure: 24" wide x 48" long x 10" deep
- Weight: 47 lb

■ Installation
- Use 3/8" threaded rods and hardware to support the enclosure within the drop ceiling (sold separately).
- Use #12-24 equipment mounting screws to attach patch panels and active components (P/N 40605-001).
- Use Saf-T-Grip Cable Management Straps to secure cables within the enclosure (P/N 02006-201).
- Use #6 x 1/2" screws to hold ceiling tiles on exposed enclosure surfaces.

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