

Patch Panel Adapters

E1/T1 Port Adapters



E1/T1 port adapters
for RAD's carrier-class
multiplexers and
gateways

- Simplify connections to multiple balanced or unbalanced E1/T1 interfaces
- Include two 64-pin Telco connectors and 28 balanced or 21/28 unbalanced ports
- Used with the following RAD products: ACE-3400, Optimux-45L, Optimux-1551 and Gmux-2000
- Include rear panel screws for grounding and cable shielding

RAD's patch panel adapters are dedicated accessories for devices requiring multiple balanced or unbalanced E1/T1 connections. The panels are completely transparent to data traffic and do not add impedance.

The 64-pin Telco connectors on the rear panel of each patch panel are connected to the I/O ports of a RAD device, via supplied Telco-to-Telco cables.



Patch Panel Adapters

E1/T1 Port Adapters

The patch panels are suitable for the following RAD products:

- Optimux-45L, Optimux-1551, ACE-3400 (using Patch 28 Balanced or Patch 21 Unbalanced)
- E1-PW/28 and T1-PW/28 pseudowire circuit emulation modules with external E1 or T1 interfaces for Gmux-2000 (using Patch 28 Balanced or Patch 28 Unbalanced).

E1 channels are supported by all patch panels. T1 channels are supported only by Patch-28 Balanced units.

Patch-28 Balanced has 28 balanced RJ-45 connectors on the front panel.

Patch-28 Unbalanced has 28 unbalanced BNC connectors on the front panel.

Patch-21 Unbalanced has 21 unbalanced BNC connectors on the front panel.

All patch panels include two 64-pin Telco connectors on the rear panel, together with screws for grounding and cable shielding.

Specifications

PATCH-21 UNBALANCED

Back Panel

2 × 64-pin Telco connectors

Front Panel

21 pairs of unbalanced BNC connectors (Tx and Rx)

Physical

Height: 4.4 cm (1.7 in)
Width: 48.2 cm (19 in)
Depth: 10.5 cm (4.1 in)
Weight: 1.6 kg (3.5 lb)

PATCH-28 UNBALANCED

Back Panel

2 × 64-pin Telco connectors

Front Panel

28 pairs of unbalanced BNC connectors (Tx and Rx)

Physical

Height: 8.8 cm (3.4 in)
Width: 48.2 cm (19 in)
Depth: 10.5 cm (4.1 in)
Weight: 2 kg (4.4 lb)

PATCH-28 BALANCED

Back Panel

2 × 64-pin Telco connectors

Front Panel

28 balanced RJ-45 connectors

Physical

Height: 4.4 cm (1.7 in)
Width: 48.2 cm (19 in)
Depth: 10.5 cm (4.1 in)
Weight: 1.0 kg (2.2 lb)

Ordering

OP-A/ADAPTOR/21BNC/1551

Patch panel adapter for Optimux-1551, with 21 unbalanced BNC connectors

OP-A/ADAPTOR/21BNC/T3L

Patch panel adapter for Optimux-45L, with 21 unbalanced BNC connectors

OP-A/ADAPTOR/28RJ

Patch panel adapter for Optimux-45L and Optimux-1551, with 28 balanced RJ-45 connectors

GMUX-PPANEL-28-PW/BNC

Patch panel adapter for E1-PW/28, with 28 unbalanced BNC connectors

GMUX-PPANEL-28-PW/RJ45

Patch panel adapter for E1-PW/28, T1-PW/28, with 28 RJ-45 balanced connectors

ACE-PPANEL/BNC/21

Patch panel adapter for ACE-3400 (21 unbalanced BNC connectors)

ACE-PPANEL/RJ45/28

Patch panel for ACE-3400 (28 RJ-45 balanced connectors)

SUPPLIED ACCESSORIES

CBL-TELCO-TELCO/2M

Telco-to-Telco cable for Optimux-1551 (balanced or unbalanced) or Optimux-45L (balanced)

CBL-TELCO-TELCO/UB

Telco-to-Telco cable for Optimux-45L (unbalanced)

CBL-2DB62/2TELCO

DB62-to-Telco cable for E1-PW/28 and T1-PW/28 (balanced and unbalanced) for Gmux-2000

CBL-TELCO-TELCO-A/2M

Telco-to-Telco cable for ACE-3400 (balanced or unbalanced)

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