



E1/G.703 Balun Chassis Model 464RC/466RC

The Patton Model 464RC/466RC E1/G.703 balun chassis provides 16 ports of 75/120 Ω conversion in a compact 1U-high chassis.

Converts 16 Channels of E1
16 ports of 75/120 Ω conversion

Doubles as a Patch Panel

Our unique design enables the Models 464RC and 466RC to function as patch panels

Compact Chassis Design

1U high chassis installs in standard 19-inch racks

Reversible Front Panel Face

Easily change the chassis front panel configuration from RJ-48C to BNC connectors

Low Insertion Loss

Fully meets ITU-T (CTR-12) G.703 standards

No Power Required

Operation is transparent to data. No AC/DC power is required.

Transformer-Isolated Connections

Up to 500 volts AC/DC isolation

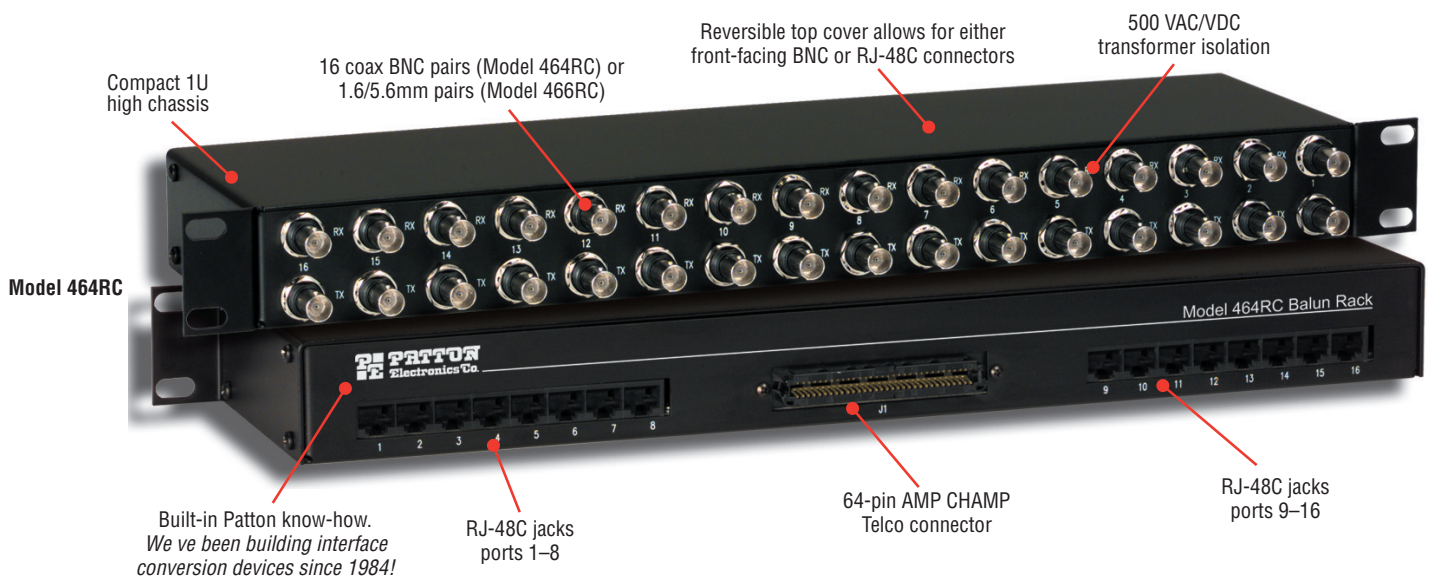
Patton's high density E1/G.703 rack-mounted balun chassis is ideal for carriers who are upgrading their main distribution frames from unbalanced coax to balanced RJ-48C connections. Patton's balun chassis enables customers to match the connectors, impedance, and signal characteristics of 16 dual-coaxial cable BNC connections (75 Ω) to 16 twisted-pair connections (120 Ω).

The Model 464RC comes with the standard BNC coax connector type. The model 466RC is designed for installations that require 1.6/5.6 coax connec-

tors. Both models come equipped with 16 RJ-48C connectors and a 64-pin AMP CHAMP Telco connector for 120 Ω connections. The Models 464RC and 466RC occupy only 1U of a 19-inch equipment rack and are fully compliant with ITU-T G.703 specifications.

The Model 464RC and Model 466RC balun chassis are the most elegant, scaleable, and cost-effective choices for converting your E1/G.703 signals.

For more information, visit www.patton.com.



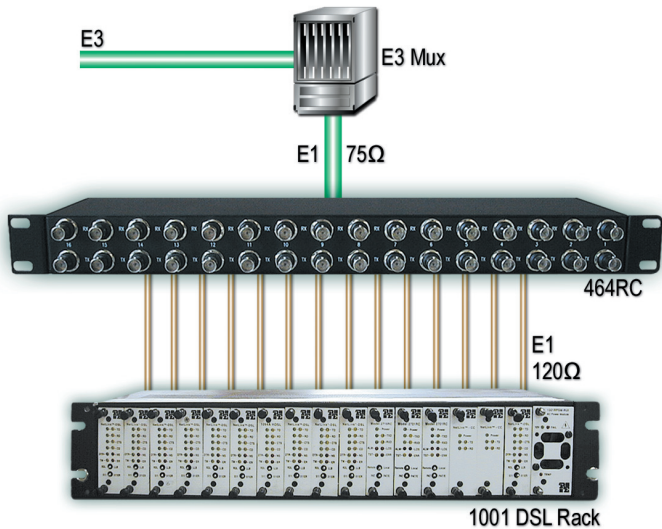
Balun Selection Guide



Model	Top speed			Coax Type		Coaxial cable connector (MC) ex: 460MC	RJ-48C Connector	Telco Connector	Rack Format
	E1	E2	E3	1.6/5.6 mm	BNC				
460	✓				✓	✓	✓		✓
462		✓			✓		✓		
463			✓		✓		✓		
464RC	✓				✓		✓	64-Pin ✓	✓
465	✓			✓		✓	✓		✓
466RC	✓			✓			✓	64-Pin ✓	✓

Typical Application

Conveniently converts sixteen 75 Ω E1 channels from your E3 mux to 120 Ω channels for connection to your CPE via RJ-48C or 64-pin Telco connectors.



Specifications

Transmission Line

ITU-T G.703

75-ohm Connection

BNC

120-ohm Connection

RJ-48C or 64-pin Telco

Link-to-Data Isolation

500 VAC/VDC

Temperature Range

0–50°C (32–122°F)

Dimensions

48.3 W x 8.9 D x 4.8 H cm

(19.00 W x 3.5 D x 1.9 H inches)

Weight

1.73 kg (3.82 lbs)

Ordering Information

464RC

High density 16-port, 10-inch, 1U (4.44cm) balun chassis.

BNC coax connector for 75 Ω connections. G.703 rack-mount.

466RC

High density 16-port, 10-inch, 1U (4.44cm) balun chassis.

1.6/5.6 coax connector for 75 Ω connections. G.703 rack-mount.

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07M464RC-466RC-DS3

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