



Rack-Mount G.703 Balun Panel Consolidates Dual Coax to Twisted Pair Media Converters

Patton's TeleMatch™ Multiport Balun Panel Mounts up to Sixteen 75 Ohm to 120 Ohm Baluns in only 2U of Vertical Rack Space

GAITHERSBURG, Maryland, USA, May 28, 1999—Patton Electronics Company has announced a G.703 balun panel that consolidates up to 16 dual coax (75 Ohm) to twisted pair (120 Ohm) baluns into 2U of vertical rack space. The Patton Model 460RC *TeleMatch™* Balun Panel mounts in a standard 19" rack, and is only 1.9" deep. Supporting data rates up to 2.048 Mbps, the Model 460RC panel allows multiple network devices with dual coax G.703 (75 Ohm) ports to connect to network devices with twisted pair G.703 (120 Ohm) ports. Individual balun modules are swappable, and may be configured independently. The Model 460RC is designed to consolidate and simplify G.703 media conversion for carriers, ISPs and corporations deploying high concentrations of G.703 networking hardware.

Fully Modular Design

The Model 460RC panel is fully modular, meaning that individual balun modules can be installed, removed and configured in the field. The panel may be purchased fully loaded with 16 balun modules—or the chassis and balun modules may be purchased separately if less than 16 baluns are required. On individual twisted pair ports, shield-to-pin and shield-to-ground connections are strap selectable. So the end-user is not locked into the same configuration for every balun in the panel.

Each balun module in the Model 460RC is equipped with standard dual BNC connectors (male or female) for connection to 75 Ohm coax (RG 59 or 2002), and a single shielded RJ-45 jack for connection to 120 Ohm twisted pair. Link-to-Data isolation is 500 Volts AC/DC. The Model 460RC measures 19" (48.3 cm) wide, 3.5" (8.9 cm) high and 1.9" (4.8 cm) deep. No power is required for operation, and the unit is ITU-T G.703 compliant.

Price and Delivery

US list price for a fully populated (16 balun modules) Patton Model 460RC G.703 balun panel is \$1100. The rack-mount chassis and individual balun modules may also be purchased separately. Product is shipping now.

About Patton

Patton Electronics Company is a US manufacturer and marketer of data communications products, including: Remote Access Products (V.90, K56Flex, V.34+, and ISDN dial-in); Last Mile/Local Loop Access Products (T1, E1 and xDSL modems, NTUs and CSU/DSUs); Multi-Service Access Products (Voice, Intranet, Extranet and Frame Relay access); and Connectivity Products (interface converters, short range modems, multiplexers and data line surge protectors). Patton Electronics is an ISO 9001 certified and BABT approved manufacturer. Patton products are CE marked and Y2K compliant.

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