

# Tekmos Communications

## 16 E1 Balun Panel - Coax to RJ45



- G703 Balun
- Coax (75 ohm) - RJ45 (120 ohm)
- 19 inch 1U Rack Mount
  - Coax or RJ45 on the front
- E1 (2Mbit/s) and E2 (8Mbit/s)
- Modular Construction
  - Up to 16 Dual Coax Port Baluns

The 16 E1 Coax to RJ45 Impedance Matching Balun Panel provides 75-120 ohm coax to twisted pair conversion for 16 E1 channels (Tx and Rx). The panel conforms to ITU-T G.703, matching the impedance and signal characteristics of up to 32 unbalanced 75 ohm coax connections with up to 16 balanced 120 ohm twisted pair connections.

Only 1U high, the 19 inch rack mount balun panel is available with BNC, 1.6/5.6 (Small Siemens), Type 43 (BT43, SMZ) or Ericsson M4 coax connectors. Can be mounted with the coax or RJ45 connectors on the front.

Also available:

21 E1 Balun Panel

24 E1 Balun Panel



BNC



1.6/5.6



Type 43



Ericsson M4

# Tekmos Communications

## 16 E1 Balun Panel - Front Mount Coax to RJ45



- **G703 Balun**
- **Coax (75 ohm) - RJ45 (120 ohm)**
- **19 inch 1.5U Rack Mount**
  - Coax and RJ45 on the front
- **E1 (2Mbit/s) and E2 (8Mbit/s)**
- **Modular Construction**
  - Up to 16 Dual Coax Port Baluns

The 16 E1 Coax to RJ45 Front Mount Impedance Matching Balun Panel provides 75-120 ohm coax to twisted pair conversion for 16 E1 channels (Tx and Rx). The panel conforms to ITU-T G703, matching the impedance and signal characteristics of up to 32 unbalanced 75 ohm coax connections with up to 16 balanced 120 ohm twisted pair connections.

Only 1.5U high, the 19 inch rack mount balun panel is available with BNC, 1.6/5.6 (Small Siemens), Type 43 (BT43, SMZ) or Ericsson M4 coax connectors. The coax and RJ45 connectors are on the front.



BNC



1.6/5.6



Type 43



Ericsson M4

# Tekmos Communications

## 16 E1 Balun Panel - Coax to Telco



- G703 Balun
- 75 - 120 ohm
- Coax - Twisted Pair
- 19 inch 1U Rack Mount
  - Coax or Telco to the front
- E1 (2Mbit/s) and E2 (8Mbit/s)
- Modular Construction
  - Up to 16 Dual Port Baluns

The 16 E1 Coax to Telco Impedance Matching Balun Panel provides 75-120 ohm conversion (coax to twisted pair) for 16 E1 channels (Tx and Rx). The panel conforms to ITU-T G.703, matching the impedance and signal characteristics of up to 32 unbalanced 75 ohm coax connections with up to 16 balanced 120 ohm twisted pair connections.

Only 1U high, the 19 inch rack mount balun panel is available with BNC, 1.6/5.6 (Small Siemens), Type 43 (BT43, SMZ) or 1.0/2.3 coax connectors. Twisted pair connectors are 50 way shielded female Telco (AMP Champ).



BNC



1.6/5.6



Type 43

Also available with  
**1.0/2.3**

# Tekmos Communications

## Dual Balun Adapter - Coax to RJ45

- 2 x Coax - 1 x RJ45
- 75 - 120 ohm
- Coax - Twisted Pair
- G703 and G704 Compliant
- E1 (2Mbit/s) and E2 (8Mbit/s)

The Dual Coax to RJ45 Balun Adapter range is a compact, easy to install, reliable solution for connecting a balanced 120 ohm RJ45/RJ48C twisted pair interface to an unbalanced 75 ohm coax network. Compliant with ITU-T G.703 recommendation, the Balun Adapter provides bi-directional signal conversion, impedance matching and isolation protection. Suitable for 2Mbit/s E1/T1 and 8Mbit/s E2/T2 data streams.

Balun Adaptors are also available for mounting on a [Bulkhead Plate](#).



Type 43



1.6/5.6






BNC Female



BNC Male

# Tekmos Communications

## BNC Krone Balun

	Description	Part Number	Speed (Mbit/s)
	BNC Krone Balun Male KATT IDC connector	TK-CBK03-208-MOO	2-8
		TK-CBK03-034-MOO	2-8-34
		TK-CBK03-155-MOO	34-155
	BNC Krone Balun Female Bulkhead KATT IDC connector	TK-CBK03-208-FBH	2-8
		TK-CBK03-034-FBH	2-8-34
		TK-CBK03-155-FBH	34-155
	BNC Krone Balun Female Flange Mount KATT IDC connector	TK-CBK03-208-FFL	2-8
		TK-CBK03-034-FFL	2-8-34
		TK-CBK03-155-FFL	34-155