

## 21 E1 Balun Panel - Coax to RJ45



- G703 Balun
- 75 ohm - 120 ohm
- Coax - RJ45
- E1 and E2
- 19 inch 1U Rack Mount
- Rack Mount Kit included
- Coax or RJ45 on the front
- Modular Construction
  - Up to 21 Dual Port Baluns

The 21 E1 Coax to RJ45 Impedance Matching Balun Panel provides 75-120 ohm coax to twisted pair conversion for 21 E1 channels (Tx and Rx). The panel conforms to ITU-T G.703, matching the impedance and signal characteristics of up to 42 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:  
16 E1 Balun Panel  
24 E1 Balun Panel



Part Number	Description
TK-UBP01-021-RJO	Balun Panel 21E1 Type 43 to RJ45
TK-UBP02-021-RJO	Balun Panel 21E1 1.6/5.6 to RJ45
TK-UBP03-021-RJO	Balun Panel 21E1 BNC to RJ45
TK-UBP06-021-RJO	Balun Panel 21E1 Ericsson M4 to RJ45

Specifications	
Coax Connector (75 ohm)	42 x BNC(F), 1.6/5.6(F), Type 43(M) or Ericsson M4(F)
Twisted Pair Connector (120 ohm)	21 x RJ45 / RJ48C female shielded
Transmission Line	ITU-T G.703 or G.704
Speed	E1 (2.048Mbit/s), E2 (8.448Mbit/s)
Wiring Scheme	RJ48C-4 wire E1 1-Tx Tip, 2-Tx Ring, 4-Rx Tip, 5-Rx Ring
Cross Talk	Better than -50dB at 1 to 10Mhz
Insertion Loss	Less than 0.35dB
Return Loss	Better than 18dB
Power Requirements	No power required
Operating Temperature	-40°C to +85°C
MTBF	30 years
Dimensions (WxHxD)	482 x 44 x 53 mm
Weight	1.8 kg max.
Materials	Case - Zintec, black powder coated
Warranty	10 years, parts and labour
Conformance	RoHS, CE

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