

Telco 21E1 TTR 19" Panels

The 21 E1 Coax to Telco TTR Impedance Matching Balun Panel provides 75-120 ohm conversion (coax to twisted pair) 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 21 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) or Type 43 (BT43, SMZ) coax connectors. Twisted pair connectors are 50 way shielded female Telco (AMP Champ) - one Telco for transmit, one Telco for receive.

Coax Connector (75 ohm)	42 x BNC(F), 1.6/5.6(F), or Type 43(M)
Twisted Pair Connector (120 ohm)	2 x 50 way Telco female shielded
Transmission Line	ITU-T G.703 or G.704
Wiring Scheme	TTR 1 Telco for transmit (Tx) 1 Telco for receive (Rx)
Speed	2.048Mbit/s (E1), 8.448Mbit/s (E2), 1.544Mbits/s (T1), 6.312Mbit/s (T2)
Cross Talk	Better than -60dB at 1 to 10Mhz
Insertion Loss	Less than 0.35dB

- 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 21 Dual Port Baluns

Return Loss	Better than 35dB
Power Requirements	None
Operating Temperature	-40° to +85° C
MTBF	30 Years
Dimensions (WxHxD)	482 x 44 x 67.5 mm
Weight	2 kg max.
Materials	Case - Zintec, black powder coated
Conformance	RoHS, CE

BNC to Telco 19" Panel



Wiring	Capacity	Stock Code
TTR	21E1	270-3021S-016

Type 43 to Telco 19" Panel



Wiring	Capacity	Stock Code
TTR	21E1	270-3221S-016

1.6/5.6 to Telco 19" Panel



Wiring	Capacity	Stock Code
TTR	21E1	270-3121S-016

TTR Wiring				
E1 Channel	Transmit Telco		Receive Telco	
	Ring	Tip	Ring	Tip
1	1	26	1	26
2	2	27	2	27
3	3	28	3	28
~	~	~	~	~
19	19	44	19	44
20	20	45	20	45
21	21	46	21	46



Rear View