

# 16E1 Balun Panel

1.6/5.6Coax(75ohm) to RJ45(120ohm)



## Description:

The 16 E1 Coax to RJ45 Balun Panel provides 75ohm coax (1.6/5.6 connector) to 120ohm twisted pair (RJ45 connector) conversion. The 16ports balun panel matches 16sets of dual 75ohm (female 1.6/5.6 connector) to 120ohm (RJ45 connector) converter. This feature allows network & datacom equipment manufacturers who are selling equipment for use in Cos with only 120ohm telco interface to offer their equipment to G.703 countries using 75ohm connections.

The 16E1 G.703 impedance matching balun panel solve the mismatch between UTP and coaxial cable. The balun can be used for internal network connectivity T1/E1/CPE network transmission equipment and other applications.

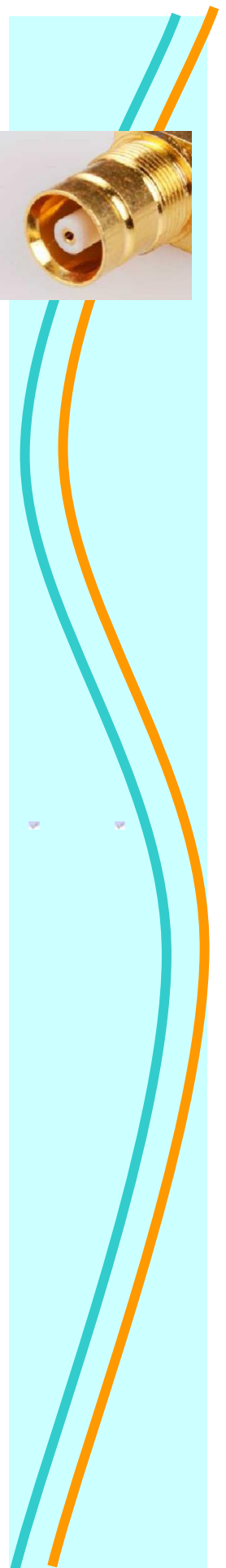
The balun matches not only signal impedance, but also the pulse shapes of the signals according ITU-T G.703 standard. The 16port balun panel mounts in a standard 19 inch(48.3cm) rack, occupies only 1U of rack.

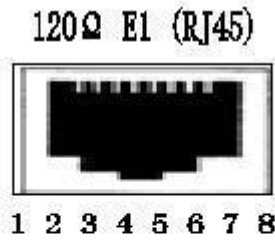
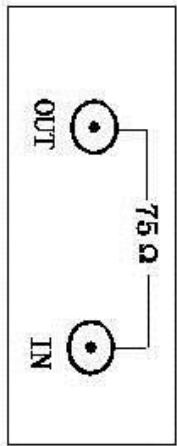


Back picture with 120Ohm RJ45 connector

## Features:

- ◇ Data Rates to 2.048 Mbps
- ◇ 75 Ohm (1.6/5.6 connector) to 120 Ohm Twisted Pair (RJ45)
- ◇ Bi-Directional Signal Conversion
- ◇ 1U high enclosed chassis
- ◇ mounts in a standard 19 inch(48.3cm) rack
- ◇ No AC Power or Batteries Needed
- ◇ 16 Female 1.6/5.6 connector Available
- ◇ Dimension: 485(L)x48(H)x72(D) mm





1 TX+ (E1 TX+)  
 2 TX- (E1 TX-)  
 4 RX+ (E1 RX+)  
 5 RX- (E1 RX-)  
 (3 6 7 8) NC

Front panel 75ohm connector

120ohm RJ45 pins definition

**Application**



**Order information**

**PAB1616** 16E1 balun panel,75ohm coax to 120ohm (RJ45) converter,  
 1.6/5.6 connector,19inch,1U high rack mount

**G.703 Interface**

- 1.6/5.6 connector 75OHM
- RJ45 connector 120OHM
- ✧ RJ45 connector 120OHM as 1 2 TX,4 5 RX

