



## BP20-CH

### 24-Port BNC to RJ45 E1 Balun Chassis

The ITU-T G.703 balun panel matches multiple sets of dual 75 ohm coax connections to multiple 120 ohm twisted pair connections, supporting data stream rates of 2-8 Mbps for E1 and E2. The patch panel bi-directionally matches not only signal impedance, but also the pulse shapes of the signals according to the ITU-T G.703 standard. The modular construction allows up to 24 separate G.703 BALUN Modules in a 19" rack mountable chassis. This modular design provides a cost-effective solution and can be purchased in separate components.

### Features

- Connects 75 ohm dual coax to 120 ohm twisted pair
- Mounts in standard 19" Rack
- No AC power or batteries needed
- Link-to data isolation: Mini. 250V
- Bi-directional signal conversion
- Operating temperature 0°C ~ 75°C
- Typical distance: 180m via Cat.5e cable

### Specifications

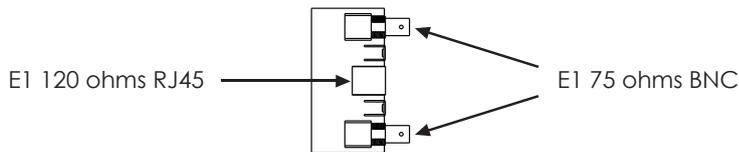
<b>Data Rate</b>	2 to 8Mbit/s speed version for E1, E2 data streams
<b>Impedance</b>	75 ohm to 120 ohm
<b>Insertion loss</b>	Max 0.3dB (2Mbps); Max 0.5dB (8Mbps)

<b>Return loss</b>	75 ohm -47.5dB (2Mbps); -37.9dB (8Mbps) 120ohm -43.5dB (2Mbps); -34.5dB (8Mbps)
<b>Dimension</b>	483 x 88 x 46.2mm (D x W x H)
<b>Weight</b>	2.3kg

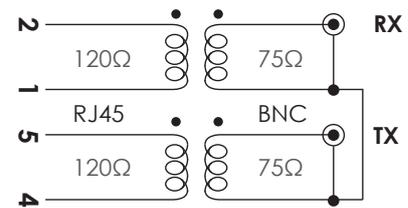


24-Port G703 patch panel

### G.703 BALUN Modules



### G.703 BALUN Pin Assignment



### Ordering Information

Model Name	Description
BP20-CH	2U, 19" 24 ports G703 balun patch panel chassis fixed type G703 balun module not included
BP20-M01	1-port fixed type G703 Balun module female BNC to UTP RJ45 on the same side

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Example: BP20 - CH