

## TO GET YOUR NETWORK CONNECTED



Single 1.6/5.6 Female  
Part Number: E10110S



Single BNC Female  
Part Number: E10120S



Single BNC Male  
Part Number: E10140S



Rear View



Keystone BNC Female  
BNC or RJ45 Front Facing

**EQL Telecommunications**  
Unit 20, 13 Swaffham Road  
Minto NSW 2566  
Australia

**Postal Address:**  
P.O.Box 351  
Minto NSW 2566  
Australia

**Tel:** +61 2 9824 5680  
**Fax:** +61 2 9824 5685  
**Email:** sales@eql.com.au  
**Web:** www.eql.com.au

**ABN:** 93 098 402 218

### Description:

#### Single Balun with 1.6/5.6 or BNC Coaxial Connectors to 1 RJ45

- Offers one E1 or T1 (2Mbps or 1.5 Mbps) paths into 1 Shielded RJ45 socket from 1.6/5.6 Male with 250 mm cable. Can also be used for E2 and T2 applications. Other cable lengths to order.
- Provides electrical isolation of 1KV from input to output terminals.
- Housed in an insulated wall mountable container.
- Impedance 75 to 120 Ohm
- Stable over working temperature of  $-5^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

### Typical Specifications:

- Data Speed: Up to 8 Mbps
- Insertion Loss: Less than 0.4 dB in band 51 KHz to 3.072 MHz
- Return Loss: Better than 25 dB from 51 KHz to 3.072 MHz for each channel
- Cross Talk: Better than 60 dB from 51 KHz to 3.072 MHz
- Pulse Shape: Meets ITU-T G.703 Mask

### Physical Characteristics

- The mechanical endurance of the coaxial connectors are designed to give in excess of 200 connect/disconnect cycles.

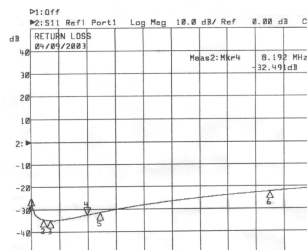
### Materials

- |                       |              |           |
|-----------------------|--------------|-----------|
| • Balun Body:         | ABS UL 94-V0 | Black     |
| • BNC Connector Body: | Brass        | Nickel    |
| • Contact:            | Brass        | Gold      |
| • Insulator:          | PTFE         |           |
| • RJ45 Socket         | Shielded     | 50u" Gold |
| • Contact             | Brass        | Gold      |

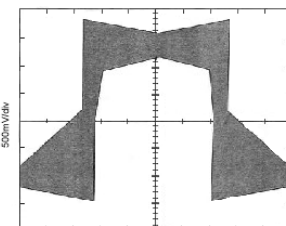
### Finish

**Note:** Specifications subject to change without notice.

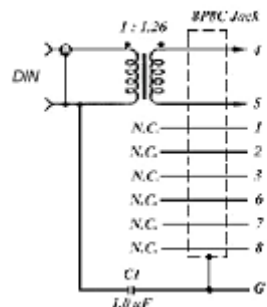
### Typical Test Results



Return Loss



Pulse Shape



Schematic Diagram