

## TO GET YOUR NETWORK CONNECTED

### Description:



G703 75/120 Ohm Balun  
Type Dual 1.6/5.6 Male RJ45  
Part Number: E10136D  
**2 and 8 Mbps Version**

### Module, 2 Balun with 2 1.6/5.6 Male Coaxial Connectors to 1 RJ45,

- Offers one or two E1 or T1 (2Mbps or 1.5 Mbps) paths into 1 Shielded RJ45 socket 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.



Rear View Balun

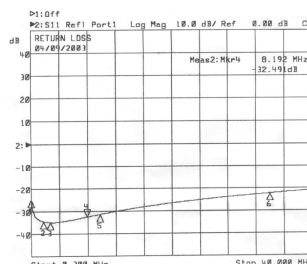
### Materials

- Balun Body: ABS UL 94-V0
- BNC Connector Body: Brass
- Contact: Brass
- Insulator: PTFE
- RJ45 Socket: Shielded
- Contact: Brass

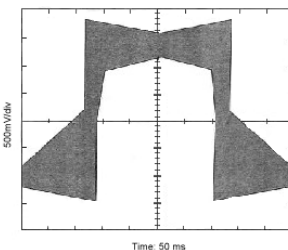
### Finish

- Black
- Nickel
- Gold
- Gold

### Typical Test Results



Return Loss



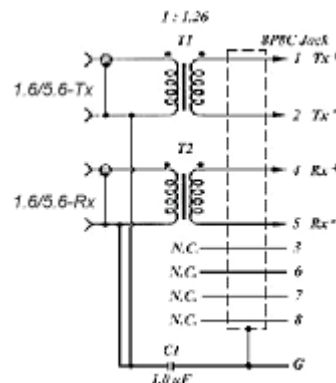
Pulse Shape

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Schematic Diagram