



G703 75/120 Ohm Balun
Type Dual BNC Male RJ45
Part Number: E10146D
2 and 8 Mbps Version

Description:
Module, 2 Balun with 2 BNC Male Coaxial Connectors to 1 RJ45,

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



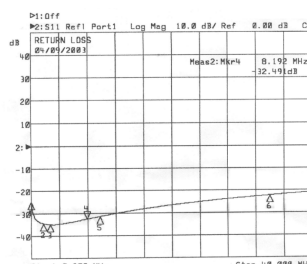
Rear View Balun

Materials

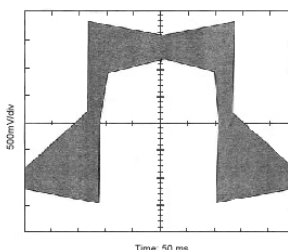
- Balun Body: ABS UL 94-V0
- BNC Connector Body: Brass
- Contact: Brass
- Insulator: PTFE
- RJ45 Socket: Shielded
- Contact: Brass

Finish

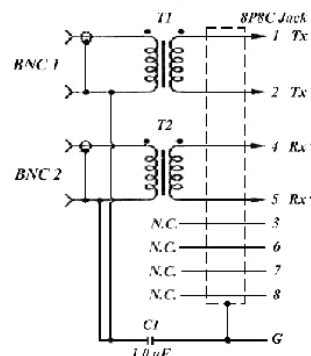
- Black
- Nickel
- Gold
- Gold

Typical Test Results


Return Loss



Pulse Shape



Schematic Diagram

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