

TO GET YOUR NETWORK CONNECTED



1.6/5.6 Male
Part No: E10210xx



1.6/5.6 Female
Part No: E10220xx



BNC Male
Part No: E10230xx



BNC Female
Part No: E10240xx



BNC Female
Part No: E10250xx



1.0/2.3 Male
Part No: E10260xx



1.0/2.3 Female
Part No: E10270xx



Type 43 Female
Part No: E10280xx



Type 43 Male Floating
Part No: E10300xx



Type 43 Male HDC
Part No: E10310xx

Electrical Characteristics

- Impedance is 75 ± 10 ohm resistive to 120 ± 16 ohm resistive at 1.024 MHz and with unused end terminated into the respective resistive load
- The insertion loss from both sides of the balun at 1.024 MHz is less than 0.5 dB between 51 kHz to 10 MHz.
- Cross talk between any two baluns mounted on a DDF strip with 15 mm centers is better than 70 dB between 51 kHz to 10 MHz.
- Return Loss is better than -18 dB between 51 kHz to 10 MHz conforming with G703.

Physical Characteristics

- Designed specifically for installations where higher densities are required – overall length of baluns 50 mm.
- The mechanical endurance of the coaxial connectors are designed to give in excess of 200 connect/disconnect cycles.
- The 120 ohm IDC connectors are designed to accept conductors with a nominal diameter of AWG22/24 standard or AWG26/28 or AWG 30/32 The IDC termination is designed for up to 20 connect/disconnect cycles.

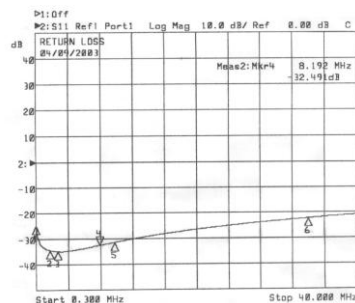
Materials

- | | |
|-------------------------|-----------------|
| • Balun Body: | Brass |
| • Connector Body: | Brass |
| • Center Contact: | Phosphor Bronze |
| • Cover & Retaining Nut | Brass |
| • Grounding Ring | Fe |
| • Insulator: | PTFE |
| • IDC & Stuffer Cap: | PET |

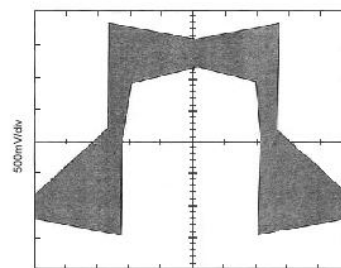
Finish

- | |
|--------|
| Nickel |
| Gold |
| Gold |
| Nickel |
| Nickel |

Typical Test Results



Return Loss



Pulse Shape

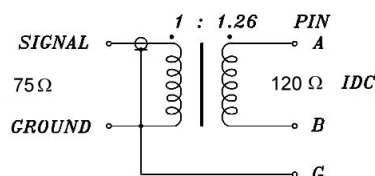
EQL Teleconnect

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@teleconnect.com.au
Web: www.teleconnect.com.au
ABN: 93 098 402 218

Schematic Diagram



Note: Specifications subject to change without notice

Part Numbers

- | | |
|----|------------------------------------|
| xx | |
| S | for AWG 22/24 (0.5mm) eg E10210S |
| SX | for AWG 26/28 (0.35mm) eg E10210SX |
| SW | for AWG 30/32 (0.25mm) eg E10210SW |