

TO GET YOUR NETWORK CONNECTED



1.6/5.6 Male
Part Number: E10020S



1.6/5.6 Female
Part Number: E10030S



BNC Male
Part Number: E10040S



BNC Female
Part Number: E10060S



BNC Female
Part Number: E10060SP



T43 HDC Female
Part Number: E10085S



T43 Male Floating
Part Number: E10090S



Special Balun Features

- A – Slit in cable restraint allows cable to be inserted after termination.
- B – Offset IDC allows cable to be positioned between baluns on DDF as required.

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Krone Baluns

Electrical Characteristics

- Data Speeds 2 and 8 Mbps
- Impedance is 75 ± 3 ohm resistive to 120 ± 4 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 0.4 dB between 0.1 MHz to 10 MHz.
- Cross talk between any two baluns mounted on a DDF strip with 15mm centers is better than 80 dB between 0.1 MHz to 10 MHz.
- Return Loss is better than 24 dB between 1 MHz to 10 MHz conforming with G703.

Physical Characteristics

- Designed to fit inside a 15 x 15 x 50mm volume.
- The mechanical endurance of 1.6/5.6 coaxial connectors are designed to give in excess of 500 connect/disconnect cycles.
- The 120 ohm IDC connectors are designed to accept conductors with a nominal diameter of 0.50 mm.
- The IDC termination is designed for up to 200 connect/disconnect cycles.

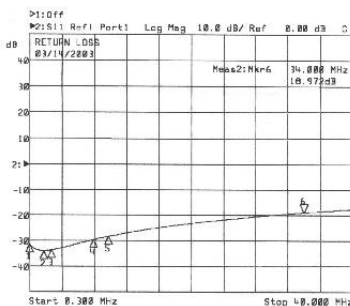
Materials

- Balun Body: Brass
- Connector Body: Brass
- Center Contact: Phosphor Bronze
- Fixing Nut: Brass
- Insulator: PTFE
- IDC & Balun Rear Cap: PBT
- Balun Housing: ABS

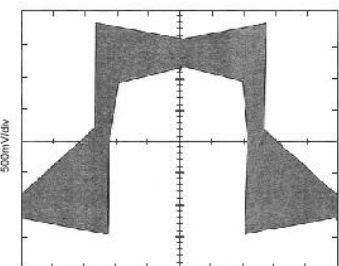
Finish

- Nickel
- Gold
- Gold
- Nickel

Typical Test Results

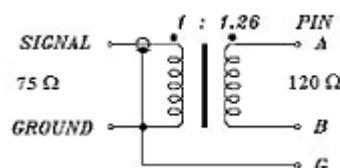


Return Loss



Pulse Shape

Schematic Diagram



Note: Specifications subject to change without notice