

## TO GET YOUR NETWORK CONNECTED



1.6/5.6 Male  
Part Number: E10020SF



1.6/5.6 Female  
Part Number: E10030SF



BNC Male  
Part Number: E10040SF



BNC Female  
Part Number: E10060SF



T43 Male Floating  
Part Number: E10090S



Rear View

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## Quick Connect Krone IDC Baluns

### Electrical Characteristics

- Data Speeds 2 and 8 Mbps
- Impedance is  $75 \pm 3$  ohm resistive to  $120 \pm 4$  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

- No Impact Tool required to terminate twisted pair cable. Simply insert cable and press down toggle to make connection.
- 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.

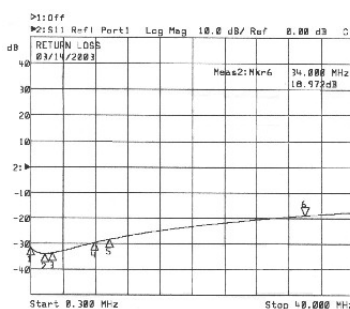
### Materials

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

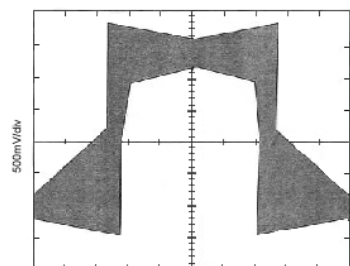
### Finish

- Nickel
- Gold
- Gold
- Nickel

### Typical Test Results

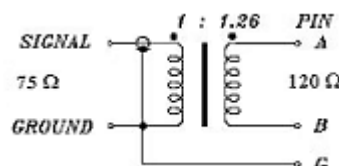


Return Loss



Pulse Shape

### Schematic Diagram



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