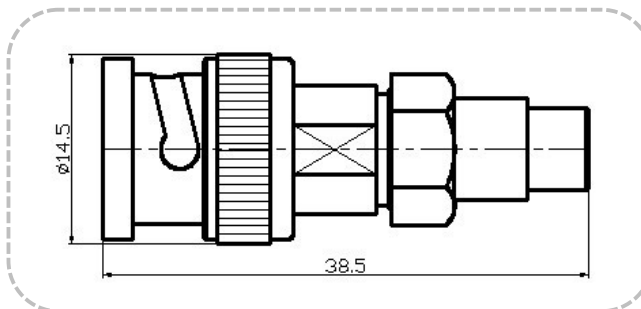


Product Specifications

| Drawing Number | Part Number | Description |
|----------------|-------------|-----------------------------|
| 81188201 | B1882-01 | BNC Male In line Mini Balun |
| 81188202 | B1882-02 | |



| Electric Data | |
|--------------------|---|
| Matching Impedance | 75 ohm unbalanced coaxial to 120 ohm balanced twisted pair |
| Bit Rates | 2Mbit/s, 8Mbit/s and 34Mbit/s as ITU-T Recommendation G 703 Line Code |
| Return Loss | 2Mbit/s and 8Mbit/s as per G.703 requirements |
| Insertion Loss | <0.9dB for 2Mbit/s service(51kHz to 10MHz) |
| Cross Talk | >60dB from 51kHz to 10MHz between 2 baluns mounted 15mm apart |
| Pulse Shape | 2Mbit/s, 8Mbit/s and 34Mbit/s as per G.703 |

| Material Data | |
|------------------------------|------------------------------------|
| Coax Connector Outer Contact | Brass. Finish Cu/Ni/Au Cu/Ni |
| Coax Connector Body | Brass.Finish Cu/Ni |
| Coax Connector Insulator | PTFE |
| Coax Connector Inner Contact | Male Brass or CuPh.Finish Cu/Ni/Au |
| Balun Body & Rear Tube:Balun | Brass.Finish Cu/Ni |
| Grounding Ring | Brass.Finish Cu/Ni |
| IDC Contacts | CuSn6.Finish CuSnZn |

| TWISTED PAIR CABLE DETAILS | | |
|----------------------------|--|----------------------|
| Model Number | Cable Wire Size | Cable Entry Diameter |
| B1882-02 | 0.5mm(AWG 24)to 0.65mm(AWG 22)conductor diameter,STP or UTP Insulation diameter from 0.7mm to 1.5mm. | 5.0mm |
| B1882-01 | 0.25mm(AWG 30)to 0.45mm(AWG 25)conductor diameter,STP or UTP Insulation diameter from 0.7mm to 1.5mm. | 5.0mm |

The correct selection of the balun to match the cable conductor size is imperative to the reliability of the product
Customized cable size available upon request

| Environmental Data | |
|---------------------|-----------|
| Working Temperature | -10 to 75 |