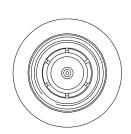
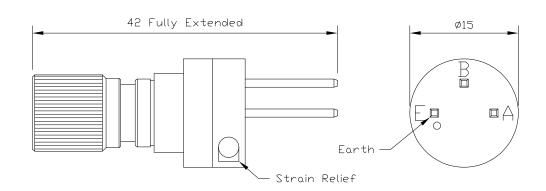


## Balun 1.6/5.6(m) to 3 Pin Wire Wrap 75/120 , 2-8Mbit/s In-Line, Screw Lock

# B13002016





**ELECTRICAL** 

Matching Impedance: 75 unbalanced coaxial to 120 balanced twisted pair

Bit Rates: 2Mbit/s and 8Mbit/s as ITU-T Recommendation G.703 Line Code Return Loss: 2Mbit/s exceeds G.703 requirements (>25dB @ 51 ~ 3072kHz)

8Mbit/s as per G.703 requirements

Insertion Loss: <0.16dB for 2 Mbit/s service (51 ~ 3072kHz)

<0.3dB for 8Mbit/s service (211kHz ~12.672MHz)

Cross Talk: >80dB from 51kHz to 12.672MHz between 2 baluns mounted 15mm apart

Pulse Shape: 2Mbit/s and 8Mbit/s as per G.703

Isolation Voltage: 250V DC for 1 minute between windings

Signal Levels: 2.37V nominal peak voltage for 2Mbit/s and 8Mbit/s at the coaxial end as per G.703

### **MATERIALS**

Coax Connector Outer Contact: Beryllium Copper. Finish Cu/Ni/Au

Coax Connector Body/Screw Lock: Brass Alloy AS 1567 Type 385. Finish Cu/Ni

Coax Connector Insulator: PTFE

Coax Connector Inner Contact: Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au Balun Body: Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Sn

Outer Sleeve and Base Moulding: Noryl Black

Wire Wrap Pin: Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Sn

#### **COAXIAL CONNECTOR (75)**

1.6/5.6 Series: To IEC 169-13

Mating Cycles: 500

#### **WIRE WRAP CONTACTS**

Post Dimensions: 1.14mm Square

#### **ENVIRONMENTAL**

Working Temperature: -10°C to 75°C

RoHS Compliance: To EU Directive 2011/65/EU

