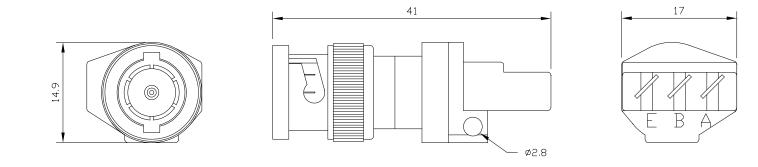


# Balun BNC(m) to 3 Pole IDC 75/120 , 2-45Mbit/s In-Line

# B04008010L



#### ELECTRICAL

| Matching Impedance: | 75 unbalanced coaxial to 120 balanced twisted pair                                 |  |
|---------------------|------------------------------------------------------------------------------------|--|
| Bit Rates:          | From 2Mbit/s up to 45Mbit/s as ITU-T Recommendation G.703 Line Code                |  |
| Return Loss:        | >10dB in the frequency range of 51~102kHz                                          |  |
|                     | >15dB in the frequency range of 1~70MHz                                            |  |
| Insertion Loss:     | <0.5dB @ 1MHz; <0.4dB @ 4MHz; <0.6dB @ 17MHz                                       |  |
|                     | <0.9dB in the range of 0.2~70MHz                                                   |  |
| Cross Talk:         | >60dB in the range of 1.0~70MHz between 2 baluns mounted on DDF strip              |  |
| Pulse Shape:        | 2Mbit/s, 8Mbit/s, 34MHz and 45MHz as per G.703                                     |  |
| Signal Levels:      | 2.37V nominal peak voltage for 2Mbit/s and 8Mbit/s at the coaxial end as per G.703 |  |
|                     | 1V nominal peak voltage for 34Mbit/s at the coaxial end as per G.703               |  |
|                     | 45Mbit/s conforms to its interface pulse mask in G.703                             |  |

### MATERIALS

Coax Connector Outer Contact: Coax Connector Body: Coax Connector Insulator: Coax Connector Inner Contact: Balun Body: Outer Sleeve and Base Moulding: IDC Moulding: Brass Alloy AS 1567 Type 385. Finish Cu/Ni Brass Alloy AS 1567 Type 385. Finish Cu/Ni PTFE Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Sn Noryl Black Polycarbonate White

# COAXIAL CONNECTOR (75)

| •••••          | ••••         |
|----------------|--------------|
| BNC Series:    | To IEC 169-8 |
| Mating Cycles: | 500          |

#### **IDC CONTACTS**

Wire Size:

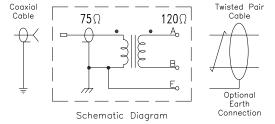
Mating Cycles:

Finish:

0.4mm to 0.65mm conductor diameter Insulation diameter 0.7mm to 1.4mm Tin plated 50

#### ENVIRONMENTAL

Working Temperature: -10°C to 75°C RoHS Compliance: To EU Directiv



# TERMINATION

**IDC** Termination:

Krone Terminating Tool

To EU Directive 2011/65/EU

# www.acande.com