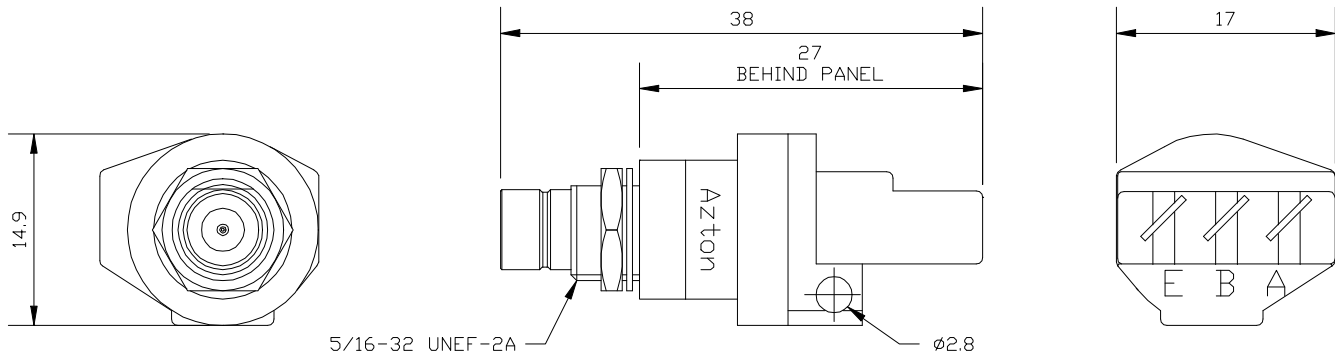


Balun, 75/120W, 2-8Mbit/s, E1 & E2 BT43 (m) Fixed Mounting to 3 Pole IDC

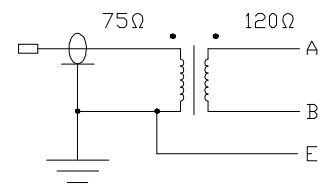


OPERATING CONDITIONS

Matching Impedance: 75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
 Bit Rate: 2Mbit/s (E1) and 8Mbit/s (E2) per ITU-T G.703 Line Code
 Signal Level: 2.37V nominal peak voltage at the coaxial end per G.703
 Working Temperature: -30°C to 75°C

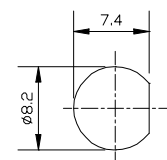
ELECTRICAL SPECIFICATIONS

Insertion Loss: < 0.15dB from 51kHz to 3.072MHz (E1) and < 0.20dB from 211kHz to 12.673MHz (E2) in both directions
 Return Loss: Exceeds G.703 requirements in both directions
 > 26dB from 51kHz to 3.072MHz (E1) and > 26dB from 211kHz to 12.673MHz (E2)
 Pulse Shape: Exceeds G.703 requirements for 2Mbit/s and 8Mbit/s
 Cross Talk: > 70dB from 51kHz to 12.673MHz, 2 baluns 20mm apart
 Isolation Voltage: > 250V DC for 1 minute



MECHANICAL SPECIFICATIONS

Coaxial Connector: BT43 male to BS 9210 F0022
 Body: Brass, Plated Cu/Ni5/Au0.8 and Cu/Ni2/Sn5
 Pin: Brass, Plated Cu/Ni5/Au1.25
 Insulator: Teflon
 Mating Cycles: 500min
 IDC Connector: Wire: Conductor Ø 0.4 to 0.65mm, Insulation Ø 0.7 to 1.4mm
 Contacts: Silver Plated
 Moulding: Polyester White
 Mating Cycles: 50min
 Mouldings: Noryl Black



PUNCH DETAIL

TERMINATION

IDC: Krone Connection Tool 6089 2 003-00 or 6417 2 055-01
 Panel Mounting: 10mm A/F Spanner