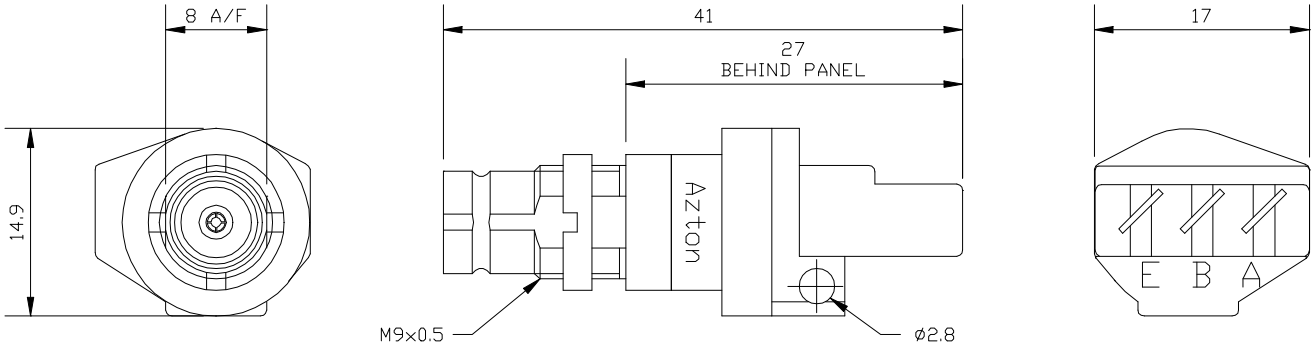
Balun, 75/120W, 2-8Mbit/s, E1 & E2
1.6/5.6 (f) Bulkhead to 3 Pole IDC

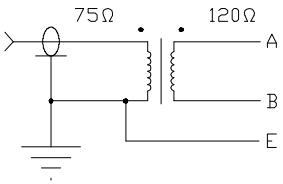


OPERATING CONDITIONS

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

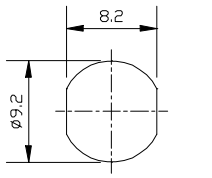
ELECTRICAL SPECIFICATIONS

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:	1.6/5.6 female to IEC 169-13 Body: Brass, Plated Cu/Ni5/Au0.8 and Cu/Ni2/Sn5 Pin: Beryllium Copper, 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:	1.6/5.6 Tube Spanner