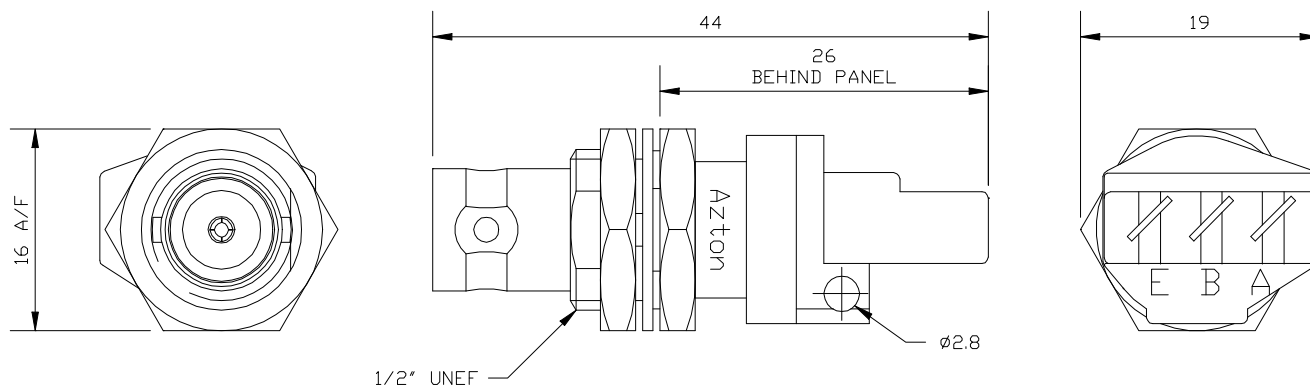


Balun, 75/120W, 2-8-34Mbit/s BNC (f) Bulkhead to 3 Pole IDC

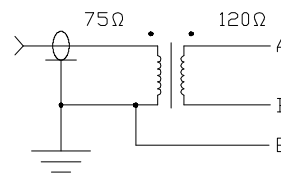


OPERATING CONDITIONS

Matching Impedance:	75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Bit Rate:	2Mbit/s (E1), 8Mbit/s (E2) and 34Mbit/s (E3) per ITU-T G.703 Line Code
Signal Level:	2.37V p-p (2&8Mbit/s), 1V p-p (34Mbit/s) at the coaxial end per G.703
Working Temperature:	-30°C to 75°C

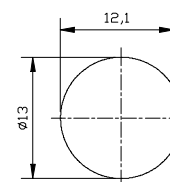
ELECTRICAL SPECIFICATIONS

Insertion Loss:	< 0.35dB from 51kHz to 51.55MHz and in both directions < 0.15dB for 2&8Mbit/s fundamental, < 0.2dB for 34Mbit/s fundamental as per G.703
Return Loss:	Exceeds G.703 requirements in both directions > 21dB from 51kHz to 102kHz > 26dB from 102kHz to 17.184MHz > 21dB from 17.184MHz to 34.368MHz and > 19dB from 34.368MHz to 51.55MHz
Pulse Shape:	Exceeds G.703 requirements for 2Mbit/s, 8Mbit/s and 34Mbit/s
Cross Talk:	> 60dB from 51kHz to 51.55MHz, 2 baluns 20mm apart
Isolation Voltage:	> 250V DC for 1 minute



MECHANICAL SPECIFICATIONS

Coaxial Connector:	BNC female to IEC 169-8 Body: Brass, Plated Cu/Ni5b and Cu/Ni2/Sn5 Pin: Phosphor Bronze, Plated Cu/Ni5/Au1.25 Insulator: Teflon Mating Cycles: 500min
IDC Connector:	Wire: Conductor \varnothing 0.4 to 0.65mm, Insulation \varnothing 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:	Spanner 16mm A/F