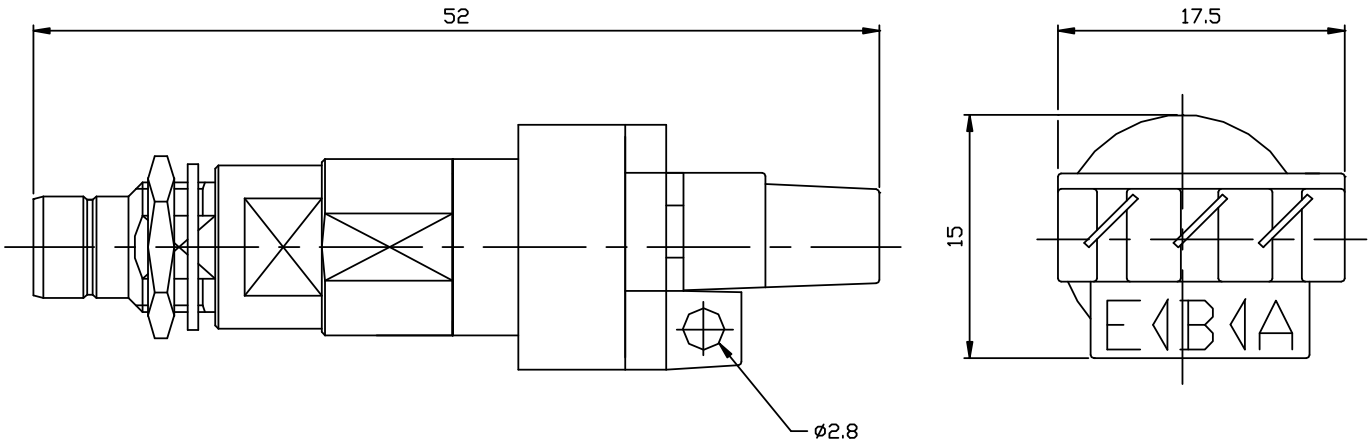
BALUN MINI TYPE43 (M)
75-120 Ω, 2- 8 Mbit/s
3 POLE IDC
FIXED-MOUNT

B13 048 010



ELECTRICAL

Matching Impedance:	75 ohm unbalanced coaxial to 120 ohm 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:	Brass. Finish Cu/Ni/Au
Coax Connector Body:	Brass. Finish Cu/Ni
Coax Connector Insulator:	PTFE
Coax Connector Inner Contact:	Brass. Finish Cu/Ni/Au
Balun Body:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni
Balun Adaptor:	Brass Alloy AS 1567 Type 385. Finish Cu/Sn
Outer Sleeve and Base Moulding:	Noryl Black
IDC Moulding:	Polyester White

COAXIAL CONNECTOR (75 ohm)

Type 43 Series: To BS 9210 F0022.

IDC CONTACTS

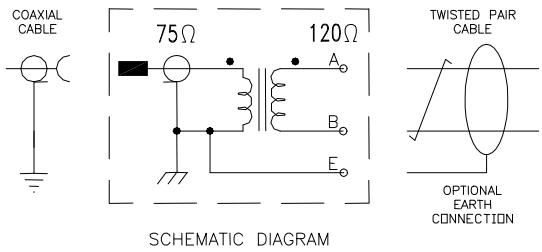
Wire Size:	0.4mm to 0.65mm conductor diameter, Insulation diameter 0.7mm to 1.4mm.
Finish:	Silver plated
Mating Cycles:	50

ENVIRONMENTAL

Working Temperature: -30 ℃ to 75 ℃

TERMINATION

IDC Termination: Krone Terminating Tool



SCHEMATIC DIAGRAM

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