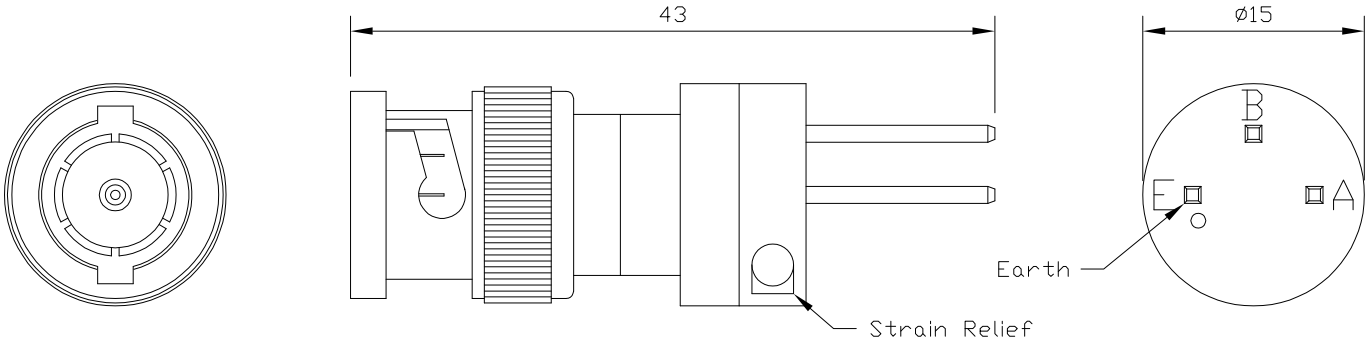
Balun BNC(m) to 3 Pin Wire Wrap
75/120Ω, 2-8Mbit/s
In-Line

B13008016



ELECTRICAL

Matching Impedance:	75Ω unbalanced coaxial to 120Ω 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

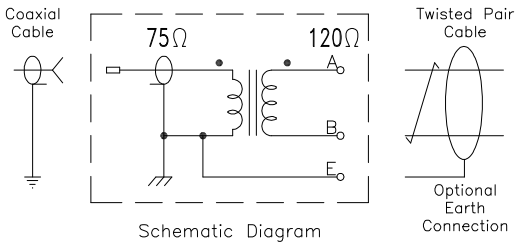
Coax Connector Outer Contact:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni
Coax Connector Body:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni
Coax Connector Insulator:	PTFE
Coax Connector Inner Contact:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au
Balun Body:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Sn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

COAXIAL CONNECTOR (75Ω)

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

WIRE WRAP CONTACTS

Post Dimensions:	1.14mm Square



Schematic Diagram

ENVIRONMENTAL

Working Temperature:	-10°C to 75°C
RoHS Compliance:	To EU Directive 2011/65/EU

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