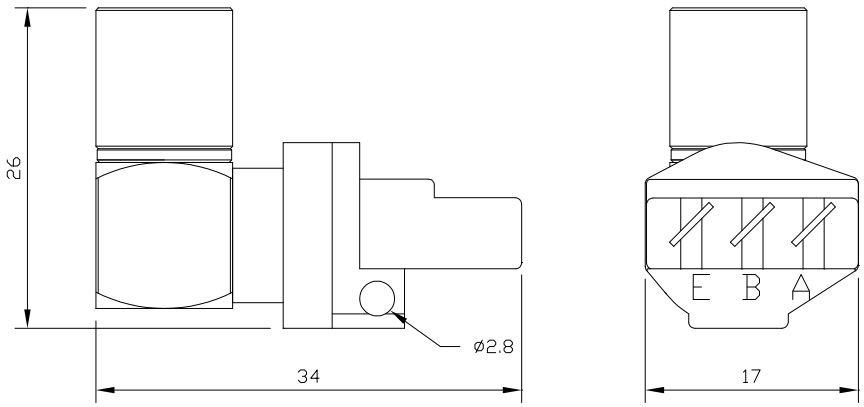
Balun 1.6/5.6(m) to 3 Pole IDC
75/120Ω, 2-45Mbit/s
Right Angle, Snap On

B04025010L



ELECTRICAL

Matching Impedance:	75Ω unbalanced coaxial to 120Ω balanced twisted pair
Bit Rates:	From 2Mbit/s up to 45Mbit/s as ITU-T Recommendation G.703 Line Code
Return Loss:	>10dB in the frequency range of 51~102kHz
	>15dB in the frequency range of 1~70MHz
Insertion Loss:	<0.5dB @ 1MHz; <0.4dB @ 4MHz; <0.6dB @ 17MHz
	<0.9dB in the range of 0.2~70MHz
Cross Talk:	>60dB in the range of 1.0~70MHz between 2 baluns mounted on DDF strip
Pulse Shape:	2Mbit/s, 8Mbit/s, 34MHz and 45MHz as per G.703
Signal Levels:	2.37V nominal peak voltage for 2Mbit/s and 8Mbit/s at the coaxial end as per G.703
	1V nominal peak voltage for 34Mbit/s at the coaxial end as per G.703
	45Mbit/s conforms to its interface pulse mask in G.703

MATERIALS

Coax Connector Outer Contact:	Beryllium Copper. Finish Cu/Ni/Au
Coax Connector Snap Ring:	Beryllium Copper
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
IDC Moulding:	Polycarbonate White

COAXIAL CONNECTOR (75Ω)

1.6/5.6 Series:	To IEC 169-13
Mating Cycles:	500

IDC CONTACTS

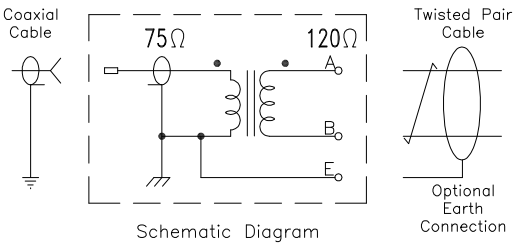
Wire Size:	0.4mm to 0.65mm conductor diameter
	Insulation diameter 0.7mm to 1.4mm
Finish:	Tin plated
Mating Cycles:	50

ENVIRONMENTAL

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

TERMINATION

IDC Termination:	Krone Terminating Tool



Schematic Diagram

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