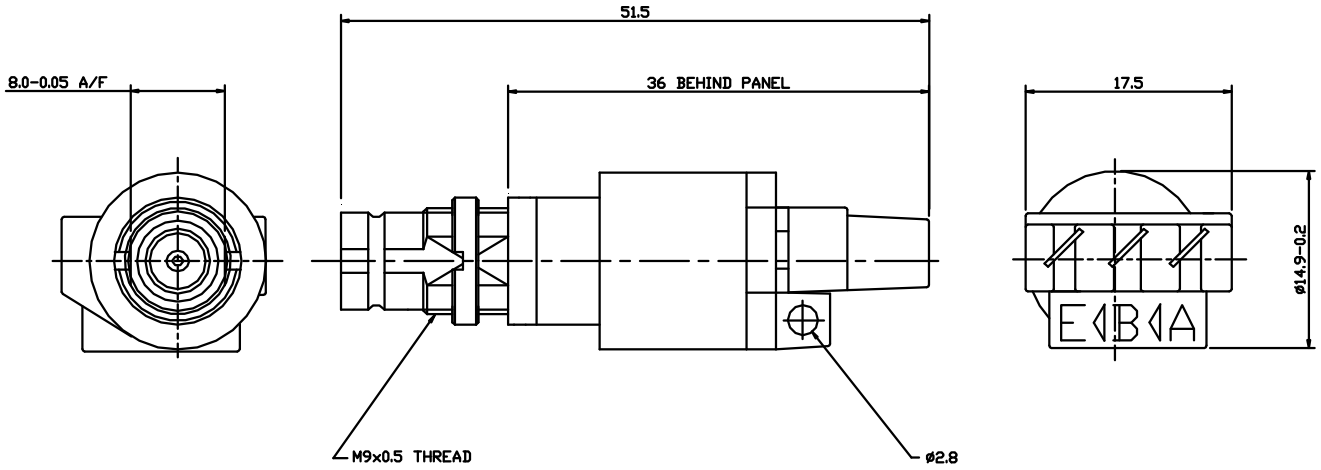
BALUN 1.6/5.6 (F) IN-LINE TO 3 POLE IDC 75-120Ω, 2-45 Mbit/s

B04 003 010/L

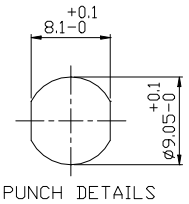


ELECTRICAL

Matching Impedance:	75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Bit Rates:	From 2Mbit/s up to 45Mbit/s as ITU-T Recommendation G.703 Line Code,
Return Loss:	>10 dB in the frequency range of 51~102kHz; >15 dB in the frequency range of 1~70MHz.
Insertion Loss:	<0.5dB @ 1MHz; <0.4dB @ 4MHz; <0.6dB @ 17MHz <0.9dB in the range of 0.2~70 MHz
Cross Talk:	>60dB in the range of 1.0~70 MHz 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:	Brass. Finish Cu/Ni/Au
Coax Connector Body:	Brass. Finish Cu/Ni
Coax Connector Insulator:	PTFE
Coax Connector Inner Contact:	CuBe. Finish Cu/Ni/Au
Insulator:	PTFE
Inner Contact:	Brass Alloy AS 1567 Type 385. Finish Cu/Ni5/Au1.25
Outer Sleeve and Base Moulding:	Noryl Black
IDC Moulding:	Polyester White

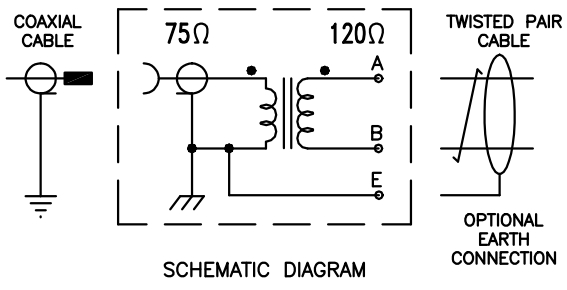


COAXIAL CONNECTOR (75 ohm)

1.6/5.6 Series: To IEC 169-13.

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

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