



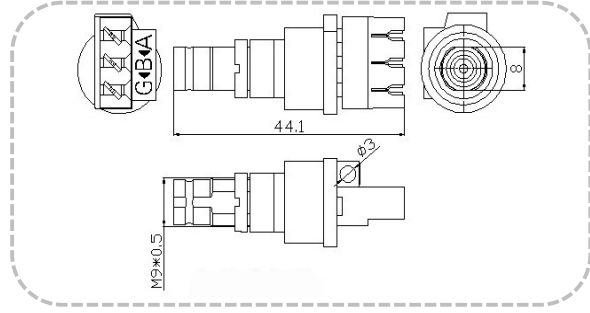
Product Specifications

Drawing Number	Part Number	Description
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81268001

B2680

1.6/5.6 Female IDC 3 Pole Balun



Electric Data	
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 8 Mbit/s service(211kHz~12.672MHz)
Cross Talk	>80dB from 51kHz to 12.672MHz between 2 baluns mounted 20mm 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
Material Data	
Coax Connector Outer Contact	Brass Alloy .Finish Cu/Ni
Coax Connector Insulator	PTFE
Coax Connector Inner Contact	Phosphor Bronze.Finish Cu/Ni/Au
Coax Connector Body and Nut	Brass Alloy .Finish Body Cu/Ni,Nut Cu/Ni
Outer Sleeve and Base Moulding	ABS: Black
Terminal	PBT: White
Coaxial Connector (75 ohm)	
L9 Series	To IEC 169-8
Environmental Data	
Working Temperature	-30 to 75