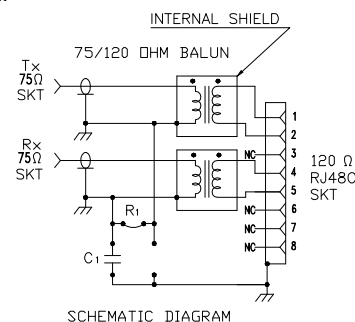


ELECTRICAL

Matching Impedance: 75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
 Bit Rates: 2Mbit/s and 8Mbit/s as per G.703
 Return Loss: 2Mbit/s exceeds G.703 (>25dB from 52 kHz ~ 3072 kHz) and 8Mbit/s as per G.703 requirements
 Insertion Loss: <0.16dB for 2Mbit/s service (51kHz to 3072kHz) and <0.3dB for 8Mbit/s service (211kHz to 12.672MHz)
 Cross Talk: >60dB from 51kHz to 12.672MHz between two channels
 Pulse Shape: 2Mbit/s and 8Mbit/s as per G.703
 Isolation Voltage: 250V DC between input and output
 Signal Levels: 2.37V nominal peak voltage at 2Mbit/s and 8Mbit/s at the coaxial end as per G.703
 EMC: EN50082-2 (CISPR 22) Class A for radiated emissions with UTP cable



MATERIALS

Enclosure: High Impact Polystyrol. Colour Grey
 Coax Connector Outer Contact: Brass Alloy AS 1567 Type 385. Finish Cu/Ni1.25/Au0.8
 Coax Connector Body: Brass Alloy AS 1567 Type 385. Finish Cu/Ni5/Au Flash
 Coax Connector Insulator: PTFE
 Coax Connector Inner Contact: Brass Alloy AS 1567 Type 385. Finish Cu/Ni1.25/Au1.25
 RJ45 Housing: PBT Glass Filled, Black
 RJ45 Contacts: Phosphor Bronze. Finish Ni/Au
 RJ45 Shield: Bronze. Finish Ni.

COAXIAL CONNECTOR (75 ohm)
 SMB Series: IEC 169-10.

RJ45 CONNECTOR
 Type: Shielded, 8 Position, 8 Contacts

ENVIRONMENTAL
 Working Temperature: -30 °C to 75 °C

MOUNTING OPTIONS
 Double sided tape is provided to allow mounting onto any clean dry surface.

