



ELECTRICAL

Matching Impedance: 75 ohm unbalanced coaxial to 120 ohm balanced twisted pair.
 Bit Rates: 2 Mbit/s and 8Mbit/s as ITU-T Recommendation G.703 Line Code.
 Return Loss: 2 Mbit/s exceeds G.703 requirements (>25dB @ 51 ~ 3072 kHz)
 8 Mbit/s as per G.703 requirements.
 Insertion Loss: <0.16dB for 2 Mbit/s service (51 ~ 3072 kHz)
 <0.3dB for 8 Mbit/s service (211 kHz ~ 12.672 MHz)
 Cross Talk: >80dB from 51 kHz to 12.672 MHz between 2 baluns mounted 20mm apart.
 Pulse Shape: 2 Mbit/s and 8 Mbit/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

Outer Contact: Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Au
 Insulator: PTFE
 Inner Contact: Beryllium Copper. Finish Cu/Ni/Au
 Body and Nut: Brass Alloy AS 1567 Type 385. Finish Body Cu/Ni/Sn, Nut Cu/Ni
 Rear Moulding: Acetel Black
 Pin, Wire Wrap: Brass Alloy AS 1567 Type 385. Finish Cu/Ni/Sn

COAXIAL CONNECTOR (75 ohm)

1.6/5.6 Series: IEC 169-13.

WIRE WRAP CONTACTS

Post Dimensions: 1.16mm. SQ.
 Finish: Tin plated

ENVIRONMENTAL

Working Temperature: -30 °C to 75 °C

