



ELECTRICAL

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 and 8Mbit/s as per G.703 requirements
 Insertion Loss: <0.25dB @ 1.024MHz and <0.4dB from 0.1kHz to 10MHz
 Cross Talk: >80dB from 0.1kHz to 10MHz between 2 baluns mounted 20.64mm apart
 Pulse Shape: 2Mbit/s and 8Mbit/s 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

MATERIALS

Body: Brass Alloy AS 1567 Type 385. Finish Cu/Ni
 Insulator: PTFE
 Inner Contact: Brass Alloy AS 1567 Type 385. Finish Cu/Ni5/Au
 Outer Sleeve and Base Moulding: Noryl Black
 IDC Moulding: Polyester White

COAXIAL CONNECTOR (75 ohm)
2.5/6 Female

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: -10 °C to 75 °C

TERMINATION

IDC Termination: Krone Terminating Tool

