



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

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

COAXIAL CONNECTOR (75 ohm)

1.6/5.6 Series: To IEC 169-13.

MATING CYCLES: 20

ENVIRONMENTAL
Working Temperature: -10 °C to 75 °C

TERMINATION
IDC Termination: Spanners 10mm A/F 2 off

