Soarland & Hexin
Hexin Technology

HXSP-G703 Balun G.703 75-ohm to 120-ohm Female BNC to RJ-45 Converter

Specification & Features:

Impedance: 75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Bit Rates: 2.048Mbit/s as ITU-T Recommendation G.703 Line Code
Return Loss: 2.048Mbit/s as per G.703 requirements
Insertion Loss: <0.9dB from 51kHz to 51.55MHz
Cross Talk: >60dB from 51kHz to 51.55MHz between 2 baluns mounted 15mm apart
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Introduction:

HXSP-G703 is an impedance converter from balance to imbalance. It settles down the signal conversion from 75 ohm copper axis cable to 120 ohm twisted pair wire.
By G703 converter, it is quick and easy to compete the signal communication between regular 120 ohm twisted pair wire and 75 ohm copper axis cable.

Detail Specification & Features:

Impedance: 75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Bit Rates: 2.048Mbit/s as ITU-T Recommendation G.703 Line Code
Return Loss: 2.048Mbit/s as per G.703 requirements
Insertion Loss: <0.9dB from 51kHz to 51.55MHz
Cross Talk: >60dB from 51kHz to 51.55MHz between 2 baluns mounted 15mm apart
Pulse Shape: 2.048Mbit/s as per G.703
Signal Levels: 2.37V nominal peak voltage for 2.048Mbit/s at the coaxial end
Isolation Voltage: 250VDC for 1 minute between windings
Pulse Test: 3kV as per ITU-T, K.17
Dimensions: 78mm x 42mm x 20.5 mm