

## Balun G.703 75-ohm to 120-ohm Female BNC to RJ-45

**PART NO:** CBT-COM75120B2

G703 is the connection standard for E1 services in Europe. This balun is similar to T1 or DDS standards in the USA. This interface standard is used throughout the world to specify the physical and electrical characteristics, which enable the interconnection of digital network components.

This balun converts 75Ω G703 transmit signals to 120Ω signals for transmission over network, or reception by a CPE. It also converts 120Ω G703 transmit signals to 75Ω signals.



### GENERAL SPECIFICATIONS

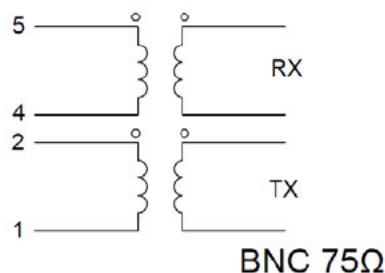
<b>IMPEDANCE:</b>	75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
<b>BIT RATES:</b>	2.048Mbit/s as ITU-T Recommendation G.703 Line Code
<b>INSERTION LOSS:</b>	<0.9dB from 51kHz to 51.55MHz
<b>SIGNAL LEVELS</b>	2.37V nominal peak voltage for 2.048Mbit/s at the coaxial end
<b>ISOLATION VOLTAGE</b>	250VDC for 1 minute between windings
<b>PULSE TEST</b>	3kV as per ITU-T, K.17
<b>DIMENSIONS</b>	80 x 71 x 26 millimeters
<b>WEIGHT:</b>	60 Grams

### CONNECTION

<b>COAXIAL CONNECTOR:</b>	BNC Female according to IEC169-8
<b>BALANCED CONNECTOR:</b>	Shielded RJ45

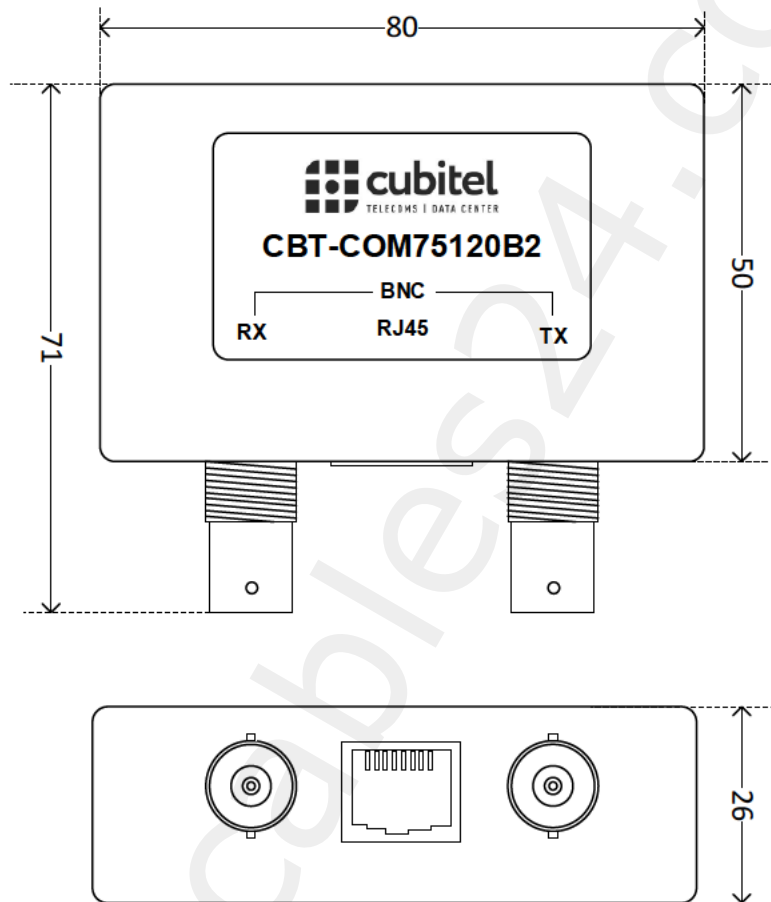
### WIRING DIAGRAM

RJ-45 120Ω



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### DIMENSIONS:



Dimensions in millimeters

