

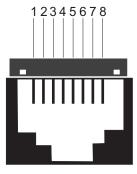


## **Product Overview**

The Dual Balun converts 2 x BNC (F) (75 Ohms) to RJ-45 (F) 120 Ohms.



Dual Balun (Shielded) 2 x BNC (F) (75 Ohms) to RJ-45 (F) 120 Ohms Converter



RJ-45 (Female)

## **RJ-45 for E1 Interface**

RJ-45 (Female) Pin #	Signal in RJ-45 (Female)
1	Tx Tip (Data Out)
2	Tx Ring (Data Out)
4	Rx Tip (Data In)
5	Rx Ring (Data In)

## **BNC Description**

BNC	DTE BNC
Receive Input	Tip
Receive Ground	Ring
Transmit Output	Tip
Transmit Ground	Ring

# **Coaxial Connector (75 Ohm)**

BNC	To IEC 169-8

## **Environmental**

Working Temp.	- 30C to 75C

## **RJ45 Connector**

Туре	Shielded 8 Position Contact

# **Mounting Options**

Double sided tape is provided to allow mounting onto any clean dry surface

# **Ordering Information**

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75 Ohmas umbalamasad as suisita
75 Ohms unbalanced coaxial to
120 Ohms balanced twisted pair
2 Mbit/s and 8 Mbit/s as per G.703
2 Mbit/s exceeds G.703
(>25 dB from 52 KHz ~ 3072 KHz) and
8 Mbit/s as per G.703
< 0.16 dB for 2 Mbit/s service
(51 Khz to 3072 Khz)
< 0.3 dB for 8 Mbit/s service
(211 Khz to 12.672 MHZ)
> 60 dB from 51 KHz to 12.672 MHZ
between two channels
2 Mbit/s and 8 Mbit/s as per G.703
250 V DC between input and output
2.37 V nominal peak voltage at
2Mbit/s and 8Mbit/s at the coaxial
end as per G.703
EN50082-2 (CISPR 22) Class A for
radiated emissions with UTP cable

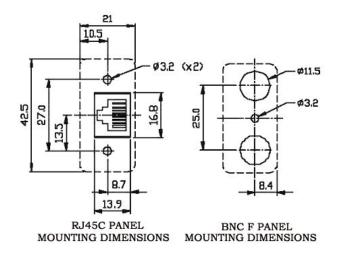
### Material

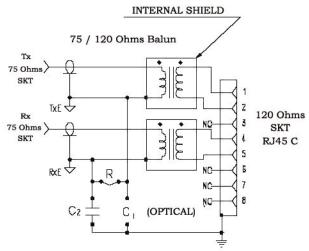
High Impact Polystyrol Colour Grey
Brass Alloy As AS 1567 Type 385 Finish
Cu/Ni5b
PTFE
Phosphor Bronze Finish Cu/Ni
1.25/Au 1.25
PBT Glass Filled, Black
Phosphor Bronze Finish Ni/Au
Bronze. Finish Ni

Part#	Product Description
VCL-EMOD-0133-Balun	Dual Balun (Shielded)
	2 x BNC (F) (75 Ohms) to RJ-45 (F) 120 Ohms Converter

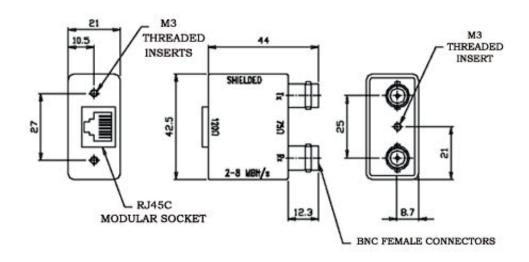
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### **Drawing**





Note: (OPTIONAL EARTHING CONFIGURATION WITH R, C1 & C2)



Technical specifications are subject to changes without notice. Revision 06 - May 25, 2022

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