

PRODUCT DATA SHEET

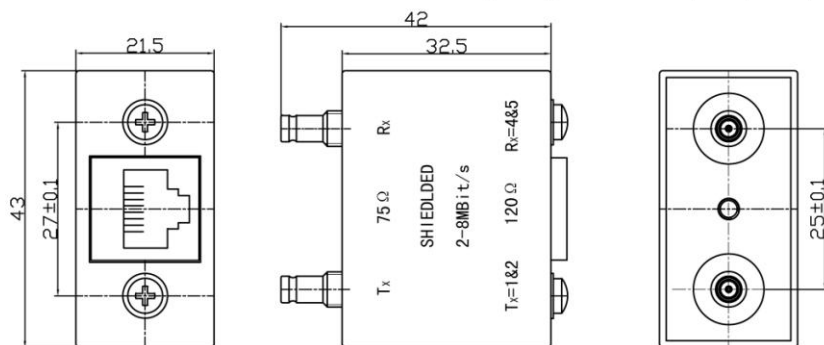
P/N: 32-051-001-00
Balun Box 2xN3F-RJ45



Features and benefits

- Converts E1 (2048Mbps) coaxial to 2 twisted pairs
- Fully bi-directional
- ITU G.703 compliant
- 2 x 1.0/2.3 (N3) female connectors, 75Ω
- 1 x RJ45 shielded modular jack, 120 Ω
- Compact design
- No power supply requested

TECHNICAL SPECIFICATIONS



Materials	
Enclosure	ABS, black colour
1.0/2.3 body	Brass, gold plated
1.0/2.3 dielectric	PFTE plastics
1.0/2.3 inner contact	Beryllium copper, gold plated
RJ45 body	Filled PBT
RJ45 shielding	Brass, nickel plated
RJ45 terminals	Phosphor bronze, gold plated
Electrical	
Compliance	Meets or exceed ITU-G703 requirements
Matching impedance	75 ohm unbalanced coaxial to 120 ohm balanced twisted pair
Insertion loss	≤ 0.2 dB (2048 Mbps)
Crosstalk	≥ 70 dB
Pulse shape	2 Mbps and 8 Mbps as per ITU G.703
Insulation	> 250V _{DC} Input to Output
Mechanical	
Endurance	>500 matings
Environmental	
Operating temperature	-30° ÷ +75°C
Storage temperature	-40° ÷ +85°C
Physical	
Packing	Transparent blister, 15 units/blister



ICT PRODUCTS and SOLUTIONS
