



## Dual Balun Fly Lead - BNC to RJ45 75 to 120 ohm Adapter

- Accessories to Fibersystem 21-219
- BNC Male - RJ45 Socket
- 20 cm
- 75 ohm Unbalanced Coax - 120 ohm Balanced Twisted Pair
- G703 and G704 Compliant
- E1 (2Mbit/s) and E2 (8Mbit/s)

### Function

The Dual BNC Male Coax to RJ45 Balun Cable provides a low cost convenient solution for connecting your balanced 120 ohm equipment to an unbalanced G703 E1 line. The 6 inch/15cm balun cable provides bi-directional signal conversion, impedance matching and isolation protection. Suitable for 2Mbit/s E1/T1 and 8Mbit/s E2/T2 data streams.

### Specifications (depending on length, example 20 cm)

75 ohm Connection	2 x BNC(M)
120 ohm Connection	Shielded RJ45/RJ48C Socket
Transmission Line	ITU-T G.703 or G.704 (transparent)
Speed	2.048Mbit/s (E1/T1) and 8.448Mbit/s (E2/T2)
Cross Talk	>80dB from 0.1 to 12MHz between 2 baluns 15mm apart
Insertion Loss	Maximum 0.2dB at 2Mbit/s, 0.3dB at 8Mbit/s
Return Loss	-29dB at 2Mbit/s, -21dB at 8Mbit/s
Earthing - Grounding	Tx and Rx Ring to RJ45 / RJ48 Shield, via 0.1µF capacitor
Wiring Scheme	1 - Tx Tip, 2 - Tx Ring, 4 - Rx Tip, 5 - Rx Ring
Materials	Case - ABS UL-94V0 Fire Retardant Plastic
Weight	0.2Kg
Warranty	10 Years, Parts and Labour
MTBF	Estimated 30 Years
Operating	Temperature, 0° to 50° C
Power Requirements	None

Product number	Description
60-00-7232	RJ45 (female) 120ohm-2xBNC 75ohm 0,2m patchcable
60-00-7317	RJ45 (male) 120ohm-2xBNC 75ohm 1m patchcable
60-00-7235	RJ45 (male) 120ohm-2xBNC 75ohm 2m patchcable
60-00-7236	RJ45 (male) 120ohm-2xBNC 75ohm 3m patchcable
60-00-7258	RJ45 (male) 120ohm-2xBNC 75ohm 4m patchcable
60-00-7259	RJ45 (male) 120ohm-2xBNC 75ohm 6m patchcable
60-00-7260	RJ45 (male) 120ohm-2xBNC 75ohm 8m patchcable
60-00-7261	RJ45 (male) 120ohm-2xBNC 75ohm 10m patchcable
60-00-7262	RJ45 (male) 120ohm-2xBNC 75ohm 15m patchcable
60-00-7435	RJ45 (male) 120ohm-2xBNC 75ohm 20m patchcable
60-00-7436	RJ45 (male) 120ohm-2xBNC 75ohm 30m patchcable