



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 (2 Mbps) and E2 (8 Mbps)

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/15 cm balun cable provides bi-directional signal conversion, impedance matching and isolation protection. Suitable for 2 Mbps E1/T1 and 8 Mbps 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	2.048 Mbps (E1/T1) and 8.448 Mbps (E2/T2)
Crosstalk	<-80 dB from 0.1 to 12 MHz between 2 baluns 15 mm apart
Insertion loss	Maximum 0.2 dB at 2 Mbps, 0.3 dB at 8 Mbps
Return loss	-29 dB at 2 Mbps, -21dB at 8 Mbps
Earthing - grounding	Tx and Rx ring to RJ45 / RJ48 Shield, via 0.1 µF capacitor
Wiring scheme	1 - Tx tip, 2 - Tx ring, 4 - Rx tip, 5 - Rx ring
Materials	Case - ABS UL-94V0 fire retardant plastic
Weight	0.2 kg
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) 120 ohm - 2 x BNC 75 ohm 0,2 m patch cable
60-00-7317	RJ45 (male) 120 ohm - 2 x BNC 75 ohm 1 m patch cable
60-00-7236	RJ45 (male) 120 ohm - 2 x BNC 75 ohm 3 m patch cable