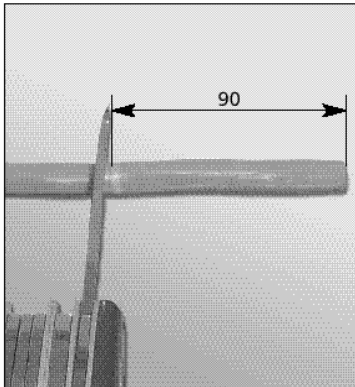


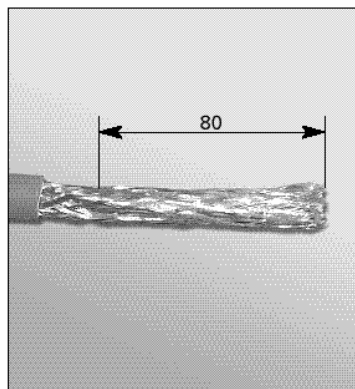
## BTR Network Connection Box

Order No.: 0166 00

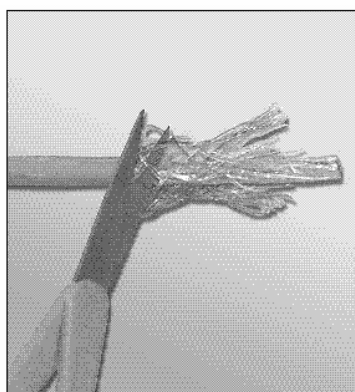
### Cable preparation



Strip off plastic sheath.

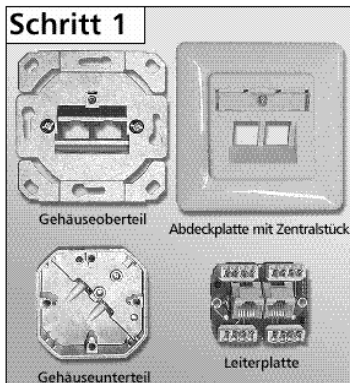


Cut cable shield to length by ...



... sliding back and cutting off all round.

## Cable assembly

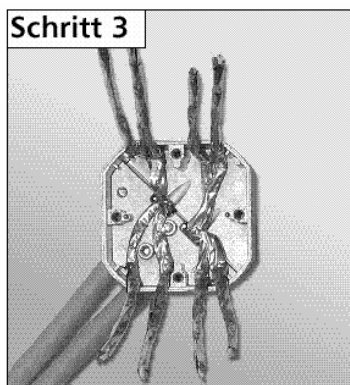


Completely dismantle the connection box so that all individual parts are available separately.

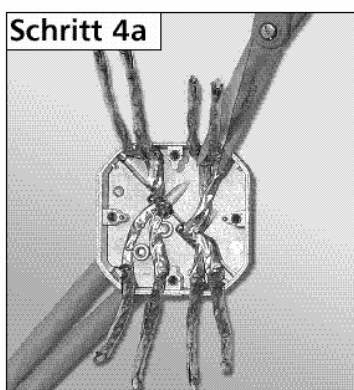
The number of individual parts differs depending on the design of the connection box.



Guide the cable into the lower housing section.  
Attach the strain relief and the shield connection clamp.

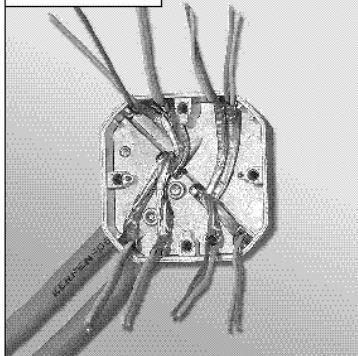


Lay in the wires in accordance with the colour coding (also see the section "Notes on connection") and the desired cable outlet direction (e.g. from the lower left).



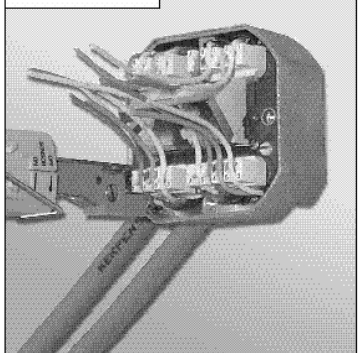
Cut the shield foil to length ...

### Schritt 4b



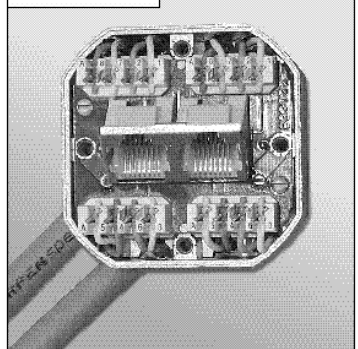
... and separate the wire pairs by colour.

### Schritt 5a

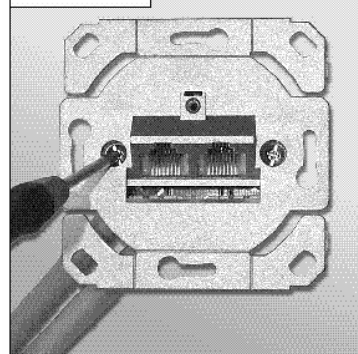


Insert the PCB in the lower housing section and connect the wires to the terminals with the LSA plus ® lay-on tool (**BTR Telecom Art. No. 130 818-E**).

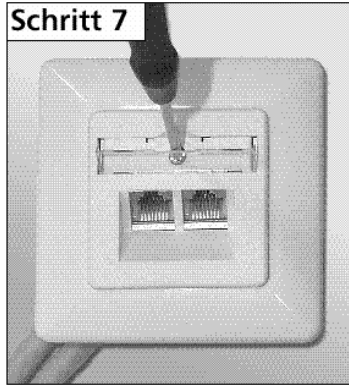
### Schritt 5b



### Schritt 6

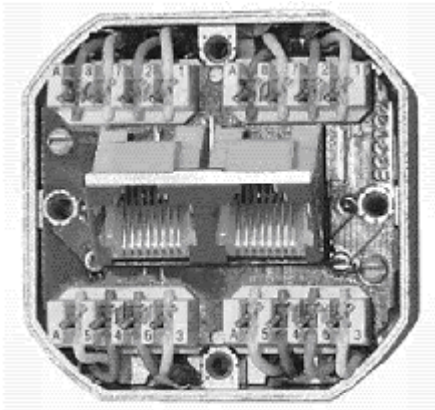


Lay on the upper housing section and tighten the locking screws until the housing is closed.



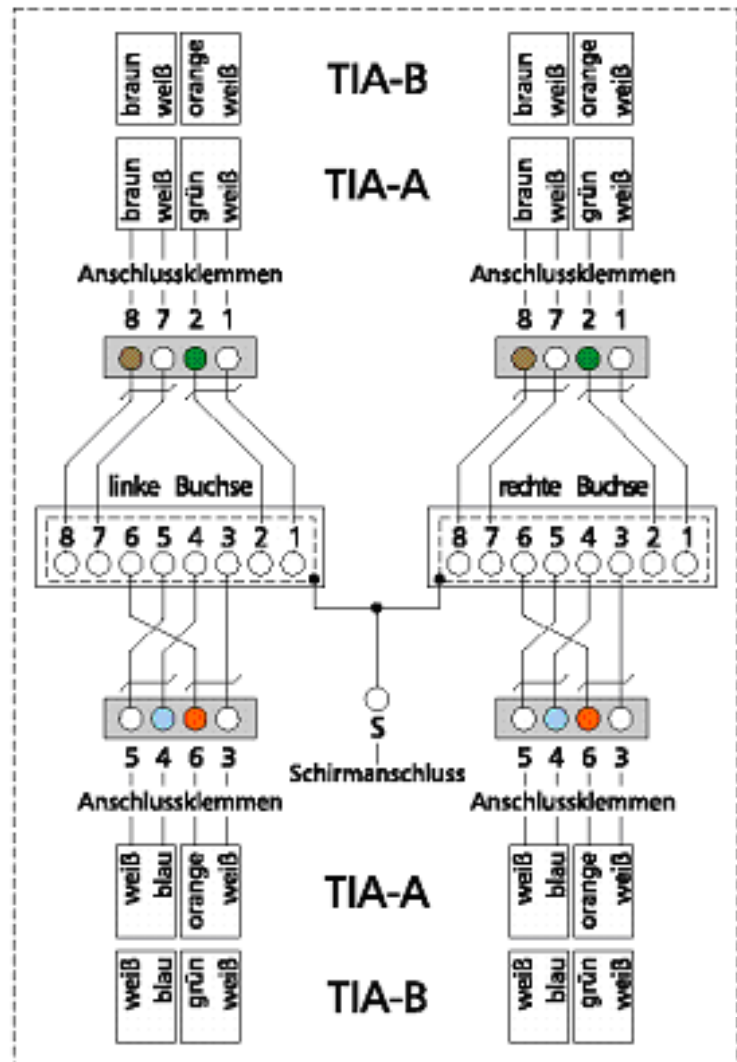
Mount the cover plate and central section.

## Notes on connection



Connection according to ISO/IEC 11801, EN50173

Please observe the colour coding for wiring according to TIA/EIA-568A and B.



## Connection examples for four-wire wiring

Aderfarben nach EIA / TIA 568A	Anschlussklemme	Anschluss der Kabeladern bei vierdrähtiger Verkabelung für die Anwendungen:						
		S <sub>0</sub>	U <sub>P0</sub> U <sub>200</sub> U* U <sub>2B1Q</sub>	ana- loge a/b	LAN 10 BASE- T	LAN Token Ring 4, 16 Mbit/s	LAN TP-PMD ATM	ATM
weiß	1	---	---	---	1a	---	1a	1a
grün	2	---	---	---	1b	---	1b	1b
weiß	3	2a	(2a)*	(2a)**	2a	2a	---	---
orange	6	2b	(2b)*	(2b)**	2b	2b	---	---
blau	4	1a	1a	1a	---	1a	---	---
weiß	5	1b	1b	1b	---	1b	---	---
weiß	7	---	---	---	---	---	2a	2a
braun	8	---	---	---	---	---	2b	2b

- ( )\* Optional für externe Stromversorgung  
 ( )\*\* Optional für E (Erdtastenfunktion) und  
 W (z. B. zweites externes Ruforgan)

Adernanschluss:

Schneidklemme

∅ Ader 0,4 - 0,63 mm

∅ Isolation 0,7 - 1,6 mm

## **Warranty**

We provide a warranty in accordance with the statutory requirements.

**Please send the device postage paid with an error description to our central customer service centre.**

Gira  
Giersiepen GmbH & Co. KG  
**Service Center**  
Dahlienstraße 12  
D-42477 Radevormwald

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Internet: [www.gira.com](http://www.gira.com)