8 Cabling

8.1 Cable specifications

Cable:

Depending on the application, either an F-UTP Cat5e or UTP Cat5e data cable with red sheath is used for networking the SecuriLan participants.

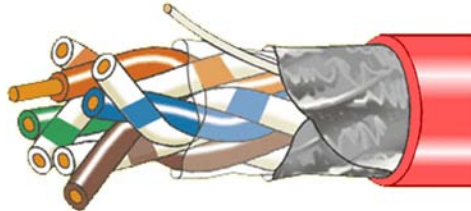**F-UTP (Foiled – Unshielded Twisted Pair) Cat5e:**
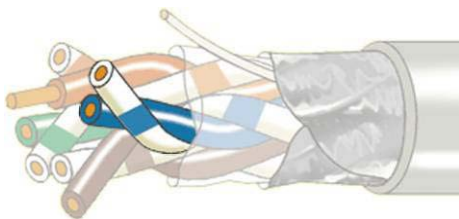

Fig. 16 F-UTP Cat5e
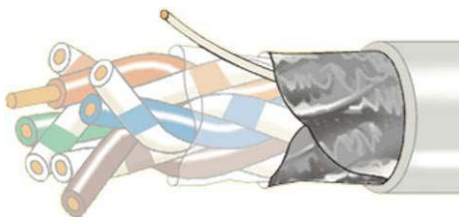

Fig. 17 F-UTP Cat5e

Fig. 18 F-UTP Cat5e

The cable consists of 8 wires, one foil shield and a shielding wire.

The following colour pairs are twisted together:

- blue-white / blue
- green-white / green
- orange-white / orange
- brown-white / brown

This cable is used for **10/100 Base-TX** connections.

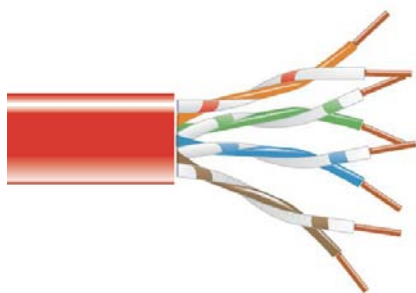**UTP (Unshielded Twisted Pair) Cat5e:**

Fig. 19 UTP Cat5e

The cable consists of 8 wires and is unshielded.

The following colour pairs are twisted together:

- blue-white / blue
- green-white / green
- orange-white / orange
- brown-white / brown

This cable is used for **RS485** connections.