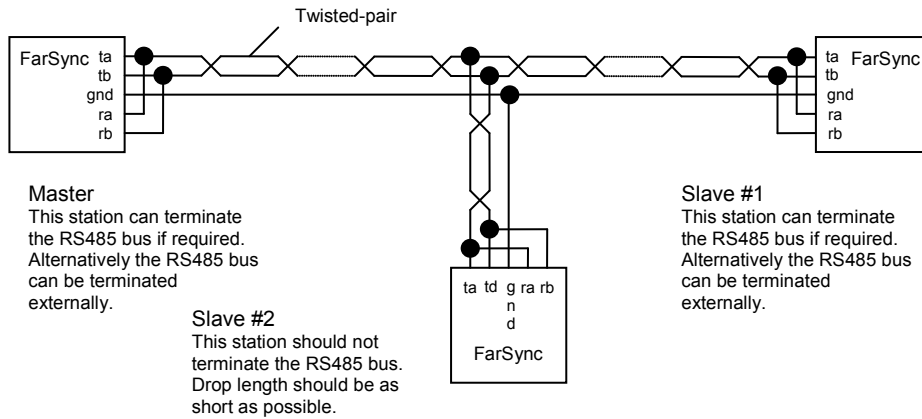


RS485 Recommended Wiring

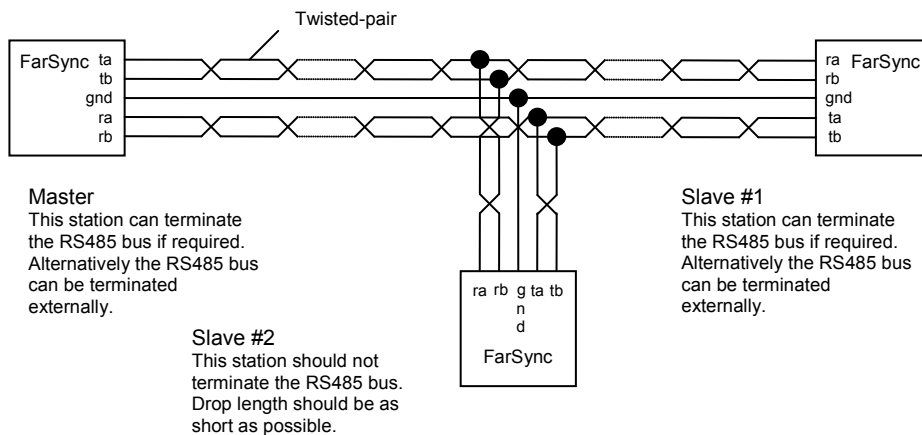
The following diagrams show the recommended schemas for 2-wire and 4-wire configurations for FarSync cards such as the FarSync Flex and FarSync T2Ee.

2-Wire



Simple 2-wire multidrop RS485 network with signal ground

4-Wire



Simple 4-wire multidrop RS485 network with signal ground

Note: In addition to the data wires it is worth considering whether to use a shielded cable (Braid/Foil) connected to signal earth. The need for this will depend on the line length, data speed being used and the environment where the wires are routed.

For FarSync Flex HD26 pin connections ta = TxD_a (2), tb = TxD_b (11),
ra = RxD_a (4), rb = RxD_b (13), GND (9)

For FarSync T2Ee HD44 pin connections **Port A**
ta = TxD_a (16), tb = TxD_b (17),
ra = RxD_a (33), rb = RxD_b (34),
GND (37)

Port B
ta = TxD_a (15), tb = TxD_b (14),
ra = RxD_a (42), rb = RxD_b (41),
GND (38)