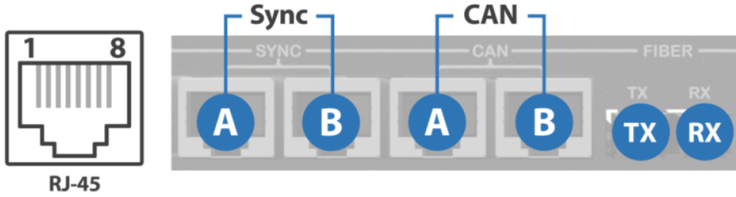


OP8666 Communication Protocols

- [Pin Mapping](#)
- [Connection Guide](#)

Pin Mapping



RJ-45	Sync (A&B)		CAN (A&B)	
Pin	Name	Description	Name	Description
1	SYNC-TX+	Sync Transmitter Positive	CANH	High-Level CAN Bus Line
2	SYNC-TX-	Sync Transmitter Negative	CANL	Low-Level CAN Bus Line
3	GND		EN-12V	Enable +
4	GND		EN-GND	Enable -
5	GND			
6	GND			
7	SYNC-RX-	Sync Receiver Negative		
8	SYNC-RX+	Sync Receiver Positive		

Connection Guide

The OP8666 communications are intended with certain architectures in mind, which can help in achieving the optimum utilization of the communication port in specific applications.

Following are the possible connection architectures:

Warning

Use the communication ports only as intended, using wrong wiring or connection **can result in permanent damage** to the **communication port** and/or the **OP8666**.

Sync Master



Crossover Cable
TX -> RX
RX -> TX

Slaves



Straight Cable
TX -> TX
RX -> RX



CAN Bus



Straight Cables

Fiber Optic Ring

