LAN cable (RJ-45) to 8-pin waterproof connector

Housing A: RJ-45 connector
Wiring Color Scheme:

TIA/EIA 568A Wiring

Pin	Color
1	White and Green
2	Green
3	White and Orange
4	Blue
5	White and Blue
6	Orange
7	White and Brown
8	Brown

TIA/EIA 568B Wiring

Pin	Color
1	White and Orange
2	Orange
3	White and Green
4	Blue
5	White and Blue
6	Green
7	White and Brown
8	Brown

1	TX+
2	TX-
3	RX+
4	NC
5	NC
6	RX-
7	NC
8	NC

Housing B: 8-pin waterproof connector, LTWBD-08BFFA-LL7001
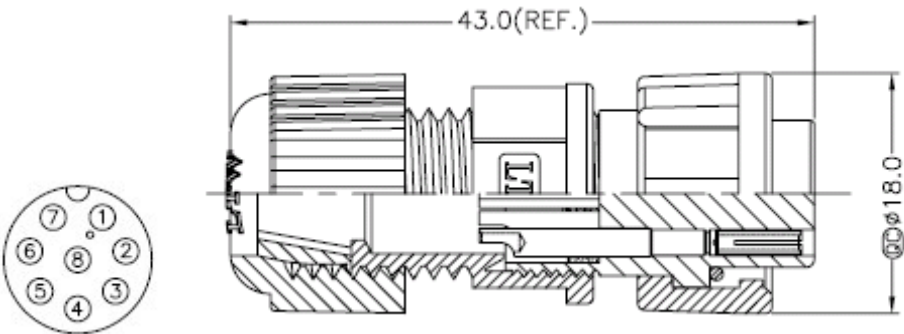
1	TX-
2	TX+
3	RX-
4	RX+
5	SP1
6	SP2
7	GND
8	GND

Connection

RJ-45 cable	LTWBD-08BFFA-LL7001
1	2
2	1
3	4
4	5
5	5
6	3
7	6
8	6
GND (shielded braided wire)	7
GND (shielded braided wire)	8