



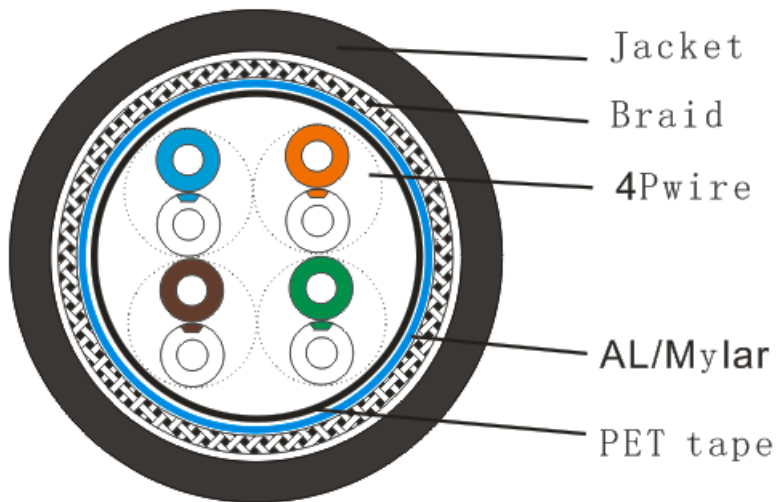
**Industrial Cable**  
**SF/UTP CAT5E 4P 7\*0.2 LSZH**

ZL P/N: ZL-000-IND-263-00

**1.Description**

24AWG Stranded-Bare Copper conductor, PE insulation, PET Tape , AL/Mylar screened, TC braiding, LSZH jacket

**2.Design**



Conductor	7*0.20 BC
Insulation	PE
	Nom. OD:1.15mm
	Color:White/blue,Blue,White/orange,Orange,White/green, Green,White/brown, Brown
Tape	PET tape
Screening	AL/Mylar
	38AWG TC braiding about 75% coverage
Jacket	LSZH
	Nom. Thickness: 0.67mm
	Nom. OD:7.3mm

Marking: ZHAOLONG INDUSTRIAL CABLE SF/UTP CAT5E 4P 24AWG/7 LSZH

\*\*\*\*m mm/dd/yyyy

### 3. Electrical Characteristics ( 20°C)

Mutual Capacitance	Max. 5.6 nF/100 m @ 1 kHz
Pair-to-Ground Capacitance Unbalance	Max. 330 pF/100m @ 1 kHz
Time Delay Skew	Max. 45 ns/100m from 1 – 100 MHz
Conductor DC Resistance	Max. 9.38 Ohms/100m
Conductor DC Resistance Unbalance	Max. 5%
Characteristic impedance	100±15ohm (1~100MHz)
Transmission performance	TIA/EIA 568C.2 for CAT5E

### 3. Other Characteristics

Operating temperature range	-40°C to 80°C
Flame resistance	IEC 60332-1
Smoke density	IEC 61034-1/-2
Toxicity Test	EN50305 section 9.2
Railway Safety	DIN5510-2: 2009-05

This cable meets RoHS requirements

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