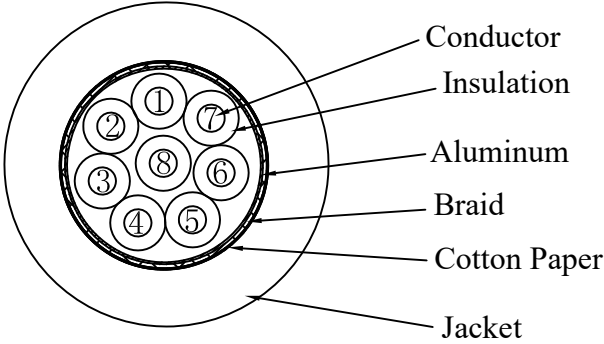


WCH CABLE INDUSTRIAL CO., LTD.

SPECIFICATION

STYLE:	UL20549	PART NO.	DATE	REV
COMPONENT:	24AWGX8C+AL+B+PA	WCH230801A1	2023-08-01	1.0

Structure Diagram	 <p>The diagram shows a circular cross-section of a cable. It features eight individual conductors arranged in a circle, numbered 1 through 8. Each conductor is surrounded by insulation. The conductors are enclosed by an aluminum foil shield, followed by a braided shield, a layer of cotton paper, and an outer jacket.</p>
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Technical Parameters

Conductor	Specification	24AWG
	Material	Tinned Stranded Copper
	Configuration (mm)	AS32/0.10±0.007
Insulation	Average Thickness (mm)	0.26
	Minimum Thickness (mm)	0.22
	Over Diameter (mm)	1.20±0.10
	Material	PVC (RoHS)
	Colour	1-white, 2-brown, 3-green, 4-yellow 5-grey, 6-pink, 7-blue, 8-red
Assembly	Foil Shield	Aluminum Foil
	Braid Shield (mm)	TS16/7/0.12±0.007 (6P)
	Cotton Paper (mm)	0.04
Jacket	Average Thickness (mm)	0.63
	Minimum Thickness (mm)	0.50
	Over Diameter (mm)	5.80±0.20
	Material	Polyurethane TPU
	Colour	RAL7001 GREY
Electrical Capability	Rated Temperature (°C)	80
	Rated Voltage (V)	300
	Conductor Resistance (Ω/KM 20°C)	87.5
	Insulation Resistance (MΩ/KM 20°C)	10
Marking	Per standard.	