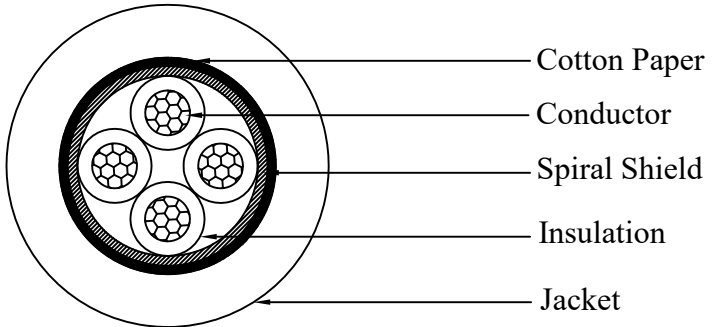


WCH CABLE INDUSTRIAL CO., LTD.

SPECIFICATION

STYLE:	UL20549	PART NO.	DATE	REV
COMPONENT:	18AWGX4C+S+PA	WCH230901A4	2023-09-01	1.0
Structure Diagram	 <p>The diagram shows a cross-section of a cable with four conductors arranged in a square pattern. Each conductor consists of multiple strands of copper wire. The conductors are surrounded by a spiral shield, followed by an insulation layer, a layer of cotton paper, and an outer jacket.</p>			

Technical Parameters

Conductor	Specification	18AWG
	Material	Tinned Stranded Copper
	Configuration (mm)	TS41/0.16±0.007
Insulation	Average Thickness (mm)	0.41
	Minimum Thickness (mm)	0.34
	Over Diameter (mm)	2.05±0.10
	Material	PVC (RoHS)
	Colour	White, Black, Red, Yellow
Assembly	Filler	No Filler
	Spiral Shield (mm)	TS129/0.12±0.007 (Coverage≥95%)
	Cotton Paper (mm)	0.025
Jacket	Average Thickness (mm)	0.77
	Minimum Thickness (mm)	0.62
	Over Diameter (mm)	6.80±0.30
	Material	Polyurethane TPU
	Colour	Black
Electrical Capability	Rated Temperature (°C)	80
	Rated Voltage (V)	300
	Conductor Resistance (Ω/KM 20°C)	23.2
	Insulation Resistance (MΩ/KM 20°C)	10
Marking	Per standard.	