

WCH CABLE INDUSTRIAL CO., LTD.

SPECIFICATION

STYLE:	UL20549	PART NO.	DATE	REV
COMPONENT:	22AWGX4C+S+PA	WCH230904A4	2023-09-04	1.0
Structure Diagram	<p>The diagram shows a cross-section of a cable with five layers. From the center outwards, the layers are: four individual conductors (each with a central cotton paper core and a surrounding insulation layer), a spiral shield, an outer insulation layer, and a final jacket layer. Labels with arrows point to each of these layers.</p>			

Technical Parameters

Conductor	Specification	22AWG
	Material	Tinned Stranded Copper
	Configuration (mm)	TS17/0.16±0.007
Insulation	Average Thickness (mm)	0.40
	Minimum Thickness (mm)	0.34
	Over Diameter (mm)	1.60±0.10
	Material	PVC (RoHS)
	Colour	White, Black, Red
Assembly	Filler	/
	Spiral Shield (mm)	TS100/0.12±0.007 (Coverage≥95%)
	Cotton Paper (mm)	0.025
Jacket	Average Thickness (mm)	0.76
	Minimum Thickness (mm)	0.61
	Over Diameter (mm)	5.70±0.20
	Material	Polyurethane TPU
	Colour	Black
Electrical Capability	Rated Temperature (°C)	80
	Rated Voltage (V)	300
	Conductor Resistance (Ω/KM 20°C)	59.4
	Insulation Resistance (MΩ/KM 20°C)	10
Marking	Per standard.	