

SPECIFICATION

UL Model:	UL2725	Document Number	Made date	Rev:
Specification:	28AWGx1PR+28AWGx2C+AEB	WCH17111601	2017-11-16	1.0V
Cross Section	<p>The diagram shows a circular cross-section of a cable. It features an outer JACKET, an inner INSULATION layer, an AL (aluminum foil) layer, a BRAID, and several CONDUCTORS. A DRAIN wire is also visible within the conductor area.</p>			
Technical Parameters				
Conductor	Specification		28AWGx1PR	28AWGx2C
	Material		Tinned Stranded Copper	Tinned Stranded Copper
	Configuration	(mm)	TS7/0.12±0.007	TS7/0.12±0.007
Insulation	Average Thickness	(mm)	0.23	0.23
	Minimum Thickness	(mm)	0.20	0.20
	Over Diameter	(mm)	0.85±0.08	0.85±0.08
	Material		HD-PE (RoHS)	PVC (RoHS)
	Colour		Green, White	Red, Black
Assembly	Aluminum Foil		One Side Aluminum (Aluminum outside)	
	Drain Wire	(mm)	TS7/0.12±0.007	
	Braid	(mm)	TS16/3/0.12±0.007(Coverage≥65%,6P)	
Jacket	Average Thickness	(mm)	0.65	
	Minimum Thickness	(mm)	0.52	
	Over Diameter	(mm)	3.80±0.20	
	Material		PVC (RoHS)	
	Colour		Black	
Electrical Capability	Rated Temperature	(°C)	80	
	Rated Voltage	(V)	30	
	Conductor Resistance	(Ω/KM 20°C)	250	
	Insulation Resistance	(MΩ/KM 20°C)	HD-PE: 100; PVC: 10	
Marking	As per standard of UL2725			