

SPECIFICATION

UL Model:	UL2725	Document Number	Made date	Rev:
Specification:	28AWGx1PR+24AWGx2C+AEB	WCH17111602	2017-11-16	1.0V
Cross Section	<p>The diagram shows a circular cross-section of a cable. From the center outwards, there are two conductors (each with a central conductor and insulation), a braided shield (BRAID), a drain wire (DRAIN), an aluminum foil layer (AL), and an outer jacket (JACKET). Labels with leader lines point to each of these components.</p>			
Technical Parameters				
Conductor	Specification		28AWGx1PR	24AWGx2C
	Material		Tinned Stranded Copper	Tinned Stranded Copper
	Configuration	(mm)	TS7/0.127±0.007	TS11/0.16±0.007
Insulation	Average Thickness	(mm)	0.23	0.23
	Minimum Thickness	(mm)	0.20	0.20
	Over Diameter	(mm)	0.85±0.08	1.10±0.10
	Material		HD-PE (RoHS)	PVC (RoHS)
	Colour		Green, White	Red, Black
Assembly	Aluminum Foil		One Side Aluminum (Aluminum outside)	
	Drain Wire	(mm)	TS7/0.127±0.007	
	Braid	(mm)	TS16/4/0.12±0.007(Coverage≥65%,6P)	
Jacket	Average Thickness	(mm)	1.1	
	Minimum Thickness	(mm)	0.88	
	Over Diameter	(mm)	4.70±0.25	
	Material		PVC (RoHS)	
	Colour		Black	
Electrical Capability	Rated Temperature	(°C)	80	
	Rated Voltage	(V)	30	
	Conductor Resistance	(Ω/KM 20°C)	28AWG: 239; 24AWG: 94.2	
	Insulation Resistance	(MΩ/KM 20°C)	HD-PE: 100; PVC: 10	
Marking	As per standard of UL2725			