



Color	
<b>Insulation Color:</b>	
A1	Black
A2	White
A3	Red
A4	Yellow/Green
B1	Blue
B2	Brown

  

<b>Outer Jacket :</b>
Black (similar RAL 9005)

Marking	
LTK CABLE 4G0.75+2X0.2 300V	E148000 AWM STYLE 2095
80°C 300V VW-1 -LF- PCxx	CE RoHS conform MM/DD/YYYY XXXXXm

Performance	
<b>Electrical Characteristics(20°C):</b>	
Max. Conductor DC Resistance (Ω/km)	A:26.0; B: 94.2
Dielectric Strength (kV/1min, AC)	2.0

Description	
Rated Temperature (°C)	-20~80°C
Rated Voltage (V)	300V
Flammability	VW-1

Mechanical Characteristics:	
<b>Test Object</b>	<b>Jacket</b>
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 10.30
Aging Elongation (%)	≥ 100
Aging Condition (°C)	113±2°C x 168h
After Tensile Strength (Mpa)	≥ 70% of original
Aging Elongation (%)	≥ 65% of original
Deformation (121±2°Cx1h)	≤ 50%
Cold Bend (-20±2°Cx4h)	No Crack
Heat Shock (121±2°Cx1h)	No Crack
Oil Resistant	

**Reference Standard**  
UL 758 & Customer's requirements

Construction		
<b>Conductor</b>	<b>Bare Copper</b>	<b>Tinned Copper</b>
<b>Cores</b>	<b>A:4C</b>	<b>B:2C</b>
Cross Section (mm <sup>2</sup> )	0.75	0.20
Construction (mm)	24/0.20	7/0.20
<b>Insulation</b>	<b>PVC</b>	<b>PVC</b>
Nom. Thickness (mm)	0.20	0.20
Insulation Dia. (±0.15mm)	1.65	1.12
<b>Cabling</b>	<b>6C+Filler(optional)</b>	
Wrapping Tape (Coverage %)	100%	
<b>Jacket</b>	<b>PVC</b>	
Nom. Thickness (mm)	0.60	
Min. Thickness (mm)	0.48	
<b>Outer Dia. (±0.20mm)</b>	<b>6.00</b>	

Environmental Restricted Substance Requirement
<input checked="" type="checkbox"/> RoHS2.0
<input checked="" type="checkbox"/> REACH
<input type="checkbox"/> CP65
<input type="checkbox"/> Antimony free (Sb<700ppm)
<input type="checkbox"/> HF (Cl<900ppm; Br<900ppm. Cl+Br<1500ppm)
<input type="checkbox"/> SONY SS-00259
<input checked="" type="checkbox"/> means Compliance

CHAIN-220466	Part No.: ----	Customer: WILLTEC
Ref. spec No. :	Rev.:	0
Revision History		

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Prepared by: KAKA    2022/7/29    Table No.:TFA046    Rev.:9

Approved by: EMMA    2022/7/29    Page 1 of 1

\* Usage instruction: (The followings are general instructions , if there are special requirements, please follow the specific specifications )  
 Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment.  
 not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire , please contact with our sales .  
 When customers purchase our products,they should test to verify whether the products is applicable to the usage.