

**Specification:**

**XLPE INSULATED WIRE  
UL3266 20AWG TS -HF-**

**Description:**

**Rate temperature:**125°C

**Rate voltage:** 300V

**Reference standard:** UL CSA -F-

**Structure:**

**Conductor:**

Size : 20AWG

Construction: 21/0.178mm

Resistance(@20°C,max): 36.7ohm/km

Material: Tinned Annealed Stranded Copper

**Insulation:**

Min Ave Thickness: 0.38mm

Min any point Thickness:0.33mm

Core Dia.: 1.80±0.08 mm

Material: XLPE

Core Color: Optional

**Physical Character:**

**Insulation:**

( 158 ±1.0°C ×168 H ) Unaged Aged

Tensile Strength 2000 PSI MIN. 80% Unaged MIN.

Elongation 300 % MIN. 80% Unaged MIN.

**Heat Shock Test:** No Crack ( 158 ±1.0°C ×1 H )

**Cold Bend Test:** No Crack ( -10 ±2.0°C ×1 H )

**Deformation Test:** T2/T1 >50% ( 121 ±1.0°C ×1 H )

**Flame Test:** VW-1

**Spark Test:** 3000V

**Voltage-Withstand Test:** 1500V for 1.5min

**Marking:**

**AWM 3266 20AWG VW-1 125°C 300V E77981**

**WONDERFUL-D CSA AWM I/II A/B FT1 125°C**

**300V LL43774 -F- -LF- -HF-**

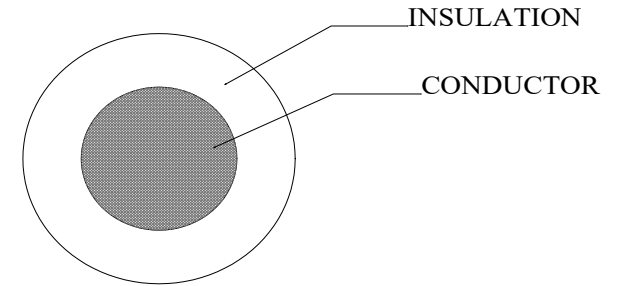
**The Environmental Statement:**

All the parts, materials and products conform to RoHS. Cd<5ppm, Pb<100ppm.Cl<900ppm, Br<900ppm, total halogens <1500ppm

**Remark:**

**The direct-current resistance shall be used for determining conductor size and cross-sectional area. Please see the section 5.3.4 of UL758.**

**Construction Drawing**



**Revised Record**

**Customer Approve**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Wonderful Photoelectricity(Dongguan)Co.,Ltd**

<b>Part No.</b>	<b>E6620TS005</b>		
<b>Approved</b>	Lizhichen	<b>Rev</b>	2.0
<b>Checked</b>	Hehao	<b>Date</b>	2017.04.13
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**Specification:**

**XLPE INSULATED WIRE  
UL3266 24AWG TS -HF-**

**Description:**

**Rate temperature:**125°C

**Rate voltage:** 300V

**Reference standard:** UL CSA -F-

**Structure:**

**Conductor:**

Size : 24AWG

Construction: 11/0.160mm

Resistance(@20°C ,max): 94.2ohm/km

Material: Tinned Annealed Stranded Copper

**Insulation:**

Min Ave Thickness: 0.38mm

Min any point Thickness:0.33mm

Core Dia.: 1.45±0.08 mm

Material: XLPE

Core Color: Optional

**Physical Character:**

**Insulation:**

( 158 ±1.0°C ×168 H )	Unaged	Aged
Tensile Strength	2000 PSI MIN.	80% Unaged MIN.
Elongation	300 % MIN.	80% Unaged MIN.

**Heat Shock Test:** No Crack ( 158 ±1.0°C ×1 H )

**Cold Bend Test:** No Crack ( -10 ±2.0°C ×1 H )

**Deformation Test:** T2/T1 >50% ( 121±1.0°C ×1 H )

**Flame Test:** VW-1

**Spark Test:** 3000V

**Voltage-Withstand Test:** 1500V for 1.5min

**Marking:**

**AWM 3266 24AWG VW-1 125°C 300V E77981**

**WONDERFUL-D CSA AWM I/II A/B FT1 125°C**

**300V LL43774 -F- -LF- -HF-**

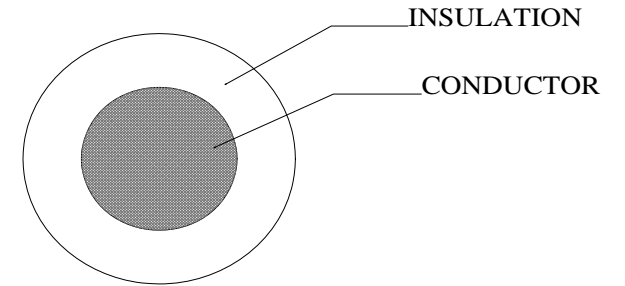
**The Environmental Statement:**

All the parts, materials and products conform to RoHS. Cd<5ppm, Pb<100ppm.Cl<900ppm, Br<900ppm, total halogens <1500ppm

**Remark:**

**The direct-current resistance shall be used for determining conductor size and cross-sectional area. Please see the section 5.3.4 of UL758.**

**Construction Drawing**



**Revised Record**

**Customer Approve**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Wonderful Photoelectricity(Dongguan)Co.,Ltd**

<b>Part No.</b>	<b>E6624TS005</b>		
<b>Approved</b>	Lizhichen	<b>Rev</b>	2.0
<b>Checked</b>	Hehao	<b>Date</b>	2017.04.12
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**Specification:**

**XLPE INSULATED WIRE  
UL3266 28AWG TS -HF-**

**Description:**

**Rate temperature:**125°C

**Rate voltage:** 300V

**Reference standard:** UL CSA -F-

**Structure:**

**Conductor:**

Size : 28AWG

Construction: 7/0.127mm

Resistance(@20°C,max): 239ohm/km

Material: Tinned Annealed Stranded Copper

**Insulation:**

Min Ave Thickness: 0.38mm

Min any point Thickness:0.33mm

Core Dia.: 1.25±0.08 mm

Material: XLPE

Core Color: Optional

**Physical Character:**

**Insulation:**

( 158 ±1.0°C ×168 H )	Unaged	Aged
Tensile Strength	2000 PSI MIN.	80% Unaged MIN.
Elongation	300 % MIN.	80% Unaged MIN.

**Heat Shock Test:** No Crack ( 158 ±1.0°C ×1 H )

**Cold Bend Test:** No Crack ( -10 ±2.0°C ×1 H )

**Deformation Test:** T2/T1 >50% ( 121±1.0°C ×1 H )

**Flame Test:** VW-1

**Spark Test:** 3000V

**Voltage-Withstand Test:** 1500V for 1.5min

**Marking:**

**AWM 3266 28AWG VW-1 125°C 300V E77981**  
**WONDERFUL-D CSA AWM I/II A/B FT1 125°C**  
**300V LL43774 -F- -LF- -HF-**

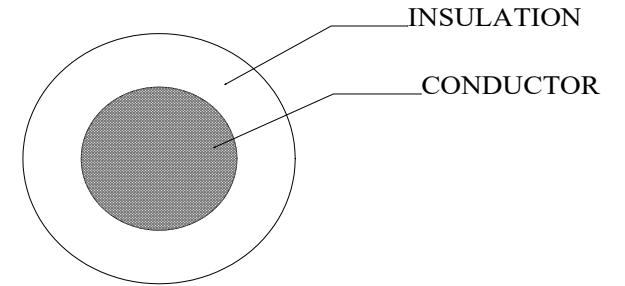
**The Environmental Statement:**

All the parts, materials and products conform to RoHS. Cd<5ppm, Pb<100ppm.Cl<900ppm, Br<900ppm, total halogens <1500ppm

**Remark:**

**The direct-current resistance shall be used for determining conductor size and cross-sectional area. Please see the section 5.3.4 of UL758.**

**Construction Drawing**



**Revised Record**

**Customer Approve**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Wonderful Photoelectricity(Dongguan)Co.,Ltd**

<b>Part No.</b>	<b>E6628TS005</b>		
<b>Approved</b>	Lizhichen	<b>Rev</b>	2.0
<b>Checked</b>	Hehao	<b>Date</b>	2017.04.13
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**Specification:**

**XLPE INSULATED WIRE  
UL3385 16AWG TS HF**

**Description:**

**Rate temperature:**105°C

**Rate voltage:** 300V

**Reference standard:** UL CUL -F-

**Structure:**

**Conductor:**

Size : 16AWG/1C

Construction: 26/0.254±0.010mm

Resistance(@20°C ,max):14.6ohm/km

Material: Tinned Annealed Stranded Copper

**Insulation:**

Min Ave Thickness: 0.38mm

Min any point Thickness: 0.33mm

Core Dia.: 2.27±0.10 mm

Material: XLPE(HALOGEN FREE MATERIAL)

Core Color: Optional

**Physical Character:**

**Insulation:**

( 136 ±1.0°C ×168 H )	Unaged	Aged
Tensile Strength	1500 PSI MIN.	70% Unaged MIN.
Elongation	150 % MIN.	45% Unaged MIN.

**Heat Shock Test:** No Crack ( 136 ±1.0°C ×1 H )

**Cold Bend Test:** No Crack ( -10 ±2.0°C ×4 H )

**Deformation Test:** T2/T1 >50% ( 121±1.0°C ×1 H )

**Flame Test:** VW-1

**Spark Test:** 3000V

**Voltage-Withstand Test:** 2500V for 1min

**Marking:**

**AWM 3385 16AWG VW-1 105°C 300V  
E77981 WONDERFUL-D AWM IA FT1 105°C  
300V -F- -LF- -HF-**

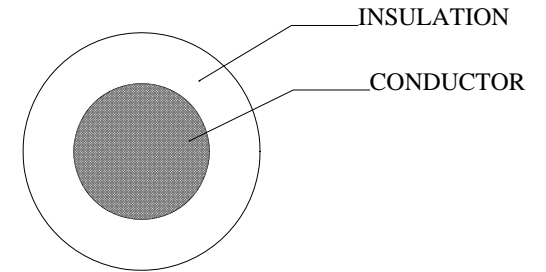
**The Environmental Statement:**

All the parts, materials and products conform to RoHS. Cd<5ppm, Pb<100ppm.Cl<900ppm, Br<900ppm, total halogens <1500ppm

**Remark:**

**The direct-current resistance shall be used for determining conductor size and cross-sectional area. Please see the section 5.3.4 of UL758.**

**Construction Section Drawing**



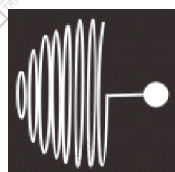
**Revised Record**

**Customer Approve**

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Wonderful Photoelectricity(Dongguan)Co.,Ltd**

<b>Part No.</b>	<b>E8516TS01F</b>		
<b>Approved</b>	Lizhichen	<b>Rev</b>	2.0
<b>Checked</b>	Hehao	<b>Date</b>	2012-09-21
<b>Drawing</b>	Shenkongqi	<b>Page</b>	1 of 1



# 胜牌电线电缆公司 TRIUMPH CABLE CO., LTD

## 规格承认书 SPECIFICATION FOR APPROVAL

品名/规格:  
STYLES&SIZE

UL3266系列 新印字

客户名称:  
CUSTOMER

客户料号:  
CUSTOMER P/N

设计卡号:  
ED NO.

承认书号:  
APPROVAL NO SPDY-2019051002

制定日期:  
DATE

2019-05-10

版本版次:  
EDITION

A/0

胜牌签章栏: TRIUMPCABLE APPROVAL COLUMNN		
制定	审核	核准
刘水根		

客户确认栏: CUSTOMER APPROVAL COLUMNN	
确认	核准

东莞市胜牌电线电缆有限公司 DONG GUAN TRIUMPH CABLE CORPORATION LIMITED

地址: 广东省东莞市虎门镇路东新安大道新园南一路1号

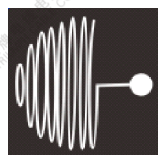
电话: 0769-38972008

传真: 0769-85017660

网址: www.triumphcable.com

E-mail: Johnson@triumphcable.com.cn

表单编号: TRIU-13-04-15



# 胜牌电线电缆公司 TRIUMPH CABLE CO., LTD

## 规格承认书 SPECIFICATION FOR APPROVAL

规格型号 SPEC NO.	UL3266系列 新印字						
额定温度 RATED TEMPERATURE	-40~125℃			额定电压 RATED VOLTAGE	300V		
环保标准 ENVIRONMENTAL STANDARDS	ROHS			参照标准 REFERENCE STANDARD	UL758-2017		
CONSTRUCTION FIGURE 结构简图							
TECHNICAL PARAMETERS 技术参数							
AWG 线号数	(NO./mm) (±0.008) 线数/线径	Dia. (mm) 导体外径	Nom. Thick. (mm) 平均厚度	Min. Thick. (mm) 最小厚度	Dia. (mm) 成品外径	COND. RESISTANCE 导体电阻 (Ω/KM20℃)	RATED CURRENT 额定电流30℃ (A)
30	7/0.10TS	0.30 (Ref)	0.38	0.33	1.05±0.10	381	2
28	7/0.127TS	0.38 (Ref)	0.38	0.33	1.2±0.10	239	3
26	7/0.16TS	0.48 (Ref)	0.38	0.33	1.3±0.10	150	4
24	11/0.16TS	0.61 (Ref)	0.38	0.33	1.4±0.10	94.2	6
22	17/0.16TS	0.76 (Ref)	0.38	0.33	1.6±0.10	59.4	8
20	21/0.178TS	0.94 (Ref)	0.38	0.33	1.8±0.10	36.7	11
18	34/0.178TS	1.18 (Ref)	0.38	0.33	2.1±0.10	23.2	15
16	26/0.254TS	1.49 (Ref)	0.38	0.33	2.4±0.10	14.6	21
14	41/0.254TS	1.88 (Ref)	0.38	0.33	2.7±0.10	8.96	29
12	65/0.254TS	2.37 (Ref)	0.38	0.33	3.5±0.15	5.64	41
10	105/0.254TS	3.40 (Ref)	0.38	0.33	4.3±0.15	3.546	58
CONDUCTOR 导体	MATERIAL	材质	TINNED STRANDED COPPER (镀锡铜)				
INSULATION 绝缘	MATERIAL	材质	XLPE (RoHS)				
COLOR 颜色	BLACK. BROWN. RED. ORANGE. YELLOW. GREEN. BLUE. PURPLE. GREY. WHITE. PINK. YELLOW NOTE GREEN. YELLOW ROLLING GREEN (黑. 棕. 红. 橙. 黄. 绿. 蓝. 紫. 灰. 白. 粉红. 黄注绿. 黄滚绿)						
MARKING 印字	E347603  AWM 3266 **AWG 125℃ 300V SHENGPAL XLPE C  AWM I A **AWG 125℃ 300V FT2 TRIUMPHCABLE						
REMARK 备注	**代表线号数						

表单编号: TRIU-13-04-15