

Specification:

**XLPE INSULATED WIRE
UL3266 16AWG TS -HF-**

Description:

Rate temperature:125°C

Rate voltage: 300V

Reference standard: UL CSA -F-

Structure:

Conductor:

Size : 16AWG

Construction: 26/0.254mm

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.: 2.30±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 16AWG VW-1 125°C 300V E77981

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

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

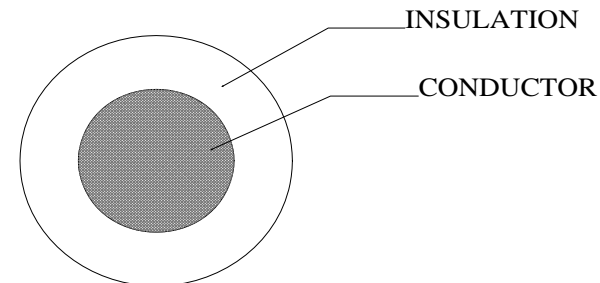
The Environmental Statement:

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

Part No.	E6616TS005		
Approved	Lizhichen	Rev	2.0
Checked	Hehao	Date	2017.04.13
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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-

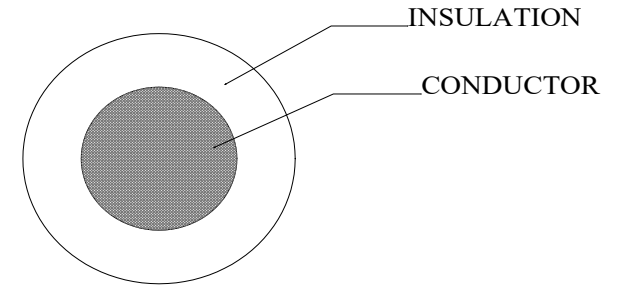
The Environmental Statement:

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

Part No.	E6628TS005		
Approved	Lizhichen	Rev	2.0
Checked	Hehao	Date	2017.04.13
Drawing	Zhuxi	Page	1 of 1

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-

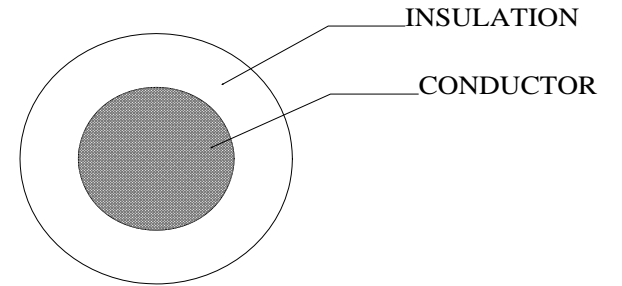
The Environmental Statement:

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

Part No.	E6624TS005		
Approved	Lizhichen	Rev	2.0
Checked	Hehao	Date	2017.04.12
Drawing	Zhuxi	Page	1 of 1

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-

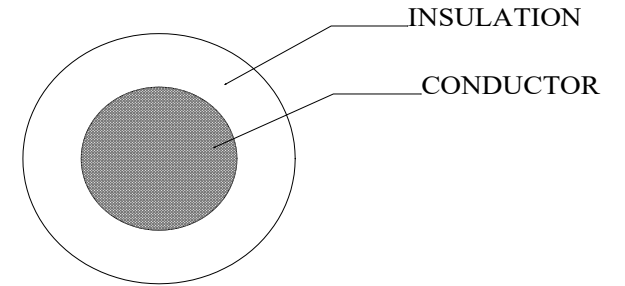
The Environmental Statement:

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

Part No.	E6620TS005		
Approved	Lizhichen	Rev	2.0
Checked	Hehao	Date	2017.04.13
Drawing	Zhuxi	Page	1 of 1