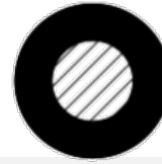




## H31XTS10X

UL 1332 16,18,20,22,24,26,28 AWG x 1C Tinned Stranded Copper, 200°C 300V  
This specification reference UL(UL758) standard.



### CONSTRUCTION

Conductors	16,18,20,22,24,26,28 AWG x 1C Tinned Stranded Copper or Nickel-plated Copper
Insulation	FEP(Fluorinated Ethylene Propylene)
Color Code	Black or other color
Separator	N/A
Core Tape	N/A
Drain wire	N/A
Shield	N/A
Jacket	N/A
Color Code	N/A

### Marking

AWM 1332 XXAWG VW-1 200°C 300V E150612 THAI  
WONDERFUL (LF)

Remark: XX = SIZE OF CABLE

### Packaging

2001 FEET (610M): Reel

### ELECTRICAL CHARACTERISTICS

<b>IR Insulation Resistance (at 15°C) MΩ • KFT</b> 16,18,20,22,24,26,28 AWG	1000
<b>DIELECTRIC WITHSTAND VOLTAGE (IN WATER)</b> KV/MINUTE (NO BROKEN)	A.C. 2
<b>SPARK TEST (KV)</b> 16,18,20,22,24,26,28 AWG	3

### PHYSICAL CHARACTERISTICS

<b>UNAGING INSULATION</b> TENSILE STRENGTH (MPa) (1.72 KgF/mm <sup>2</sup> ) (MINIMUM) ELONGATION (MINIMUM)	17.2 200 %
<b>AGING INSULATION (232+1°C x 168 HRS)</b> TENSILE STRENGTH(MINIMUM) ELONGATION (MINIMUM)	75% 75%
<b>DEFORMATION TEST</b> (121+1°C x 1 HR) (MAXIMUM)	50%
<b>HEAT SHOCK TEST</b> 1 HR (NO CRACK).	232+1°C
<b>COLD BEND TEST</b> 4 HRS (NO CRACK)	-10±2°C
<b>FLAME TEST</b> (PASS)	VW-1

### PRODUCT CONSTRUCTION

Part Number	Nominal Size	Conductors		Insulation		Max. DC Resistance at 20°C / Ω/Km
		No./AWG	Diameter (mm)	Thickness (mm)	Diameter (mm)	
H3216TS101	16 AWG x 1C	55/33	1.54	0.32	2.26	14.6
H3218TS101	18 AWG x 1C	19/31	1.20	0.30	1.80	23.2
H3220TS101	20 AWG x 1C	19/32	0.98	0.30	1.58	36.7
H3222TS101	22 AWG x 1C	7/31	0.726	0.30	1.38	59.4
H3224TS101	24 AWG x 1C	7/33	0.588	0.30	1.24	94.2
H3226TS101	26 AWG x 1C	7/35	0.465	0.30	1.10	150
H3228TS101	28 AWG x 1C	7/37	0.372	0.30	1.00	239
H3216TS102	16 AWG x 1C	50/33	1.47	0.32	2.30	14.6
H3218TS102	18 AWG x 1C	19/30	1.27	0.32	2.15	23.2
H3220TS102	20 AWG x 1C	19/33	0.95	0.32	1.66	36.7
H3222TS102	22 AWG x 1C	19/34	0.80	0.32	1.51	36.7
H3224TS102	24 AWG x 1C	19/36	0.64	0.32	1.34	94.2
H3218TS103	18 AWG x 1C	19/30	1.27	0.32	1.98	23.5
H3220TS103	20 AWG x 1C	19/32	1.02	0.32	1.85	37.4

Date: 2024/10/30