

## DESCRIPTION

- Conductor : Silver coated copper clad steel
- Insulation : FEP Teflon
- Braid : Silver or Tinned coated copper
- Jacket : FEP Teflon
- Jacket Thickness : 0.08 ~ 0.15 mm.
- Temperature Range : -70°C ~ 200°C
- Voltage Rating : 30V

## CHARACTERISTICS

- Continuous working temperature range : -70°C ~ 200°C
- Resistant to solvents, chemicals, gasoline and radiations.
- High Dielectric Strength permits extremely
- Minimal signal distortion
- Tough flexible resistant to crush, abrasion.

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

Document	Conductor		Insulation	Braid	Jacket	Capacitance (pF/ft)	Impedance (ohms)	ATT(dB/100m)	
	AWG	No./AWG Strands	Diameter (mm)	Coverage (%)	Diameter (mm)			Frequency(Hz)	2.4G
A3130CS001	30	7 x 30	0.8	93	1.27	29	50	310	520
A3132CS001	32	7 x 40	0.66	90	1.13	29	50	480	720
A3134SP001	34	7 x 42	0.53	97	0.98	29	50	530	780
A3136SP001	36	7 x 44	0.4	89	0.8	29	50	580	930

## APPLICATIONS

Applications include mobile phone, PC and peripherals, home appliances, PDA, digital camera, GPS, network access device, video/audio equipment, security equipment, medical equipment, lighting equipment, remote control, wrist watch, car phone, hands-free voice-controlled device, broadcast equipment, identification card, shopping mail information etc.

# SPECIFICATION FOR APPROVAL

DOCUMENT: A3132TS001

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STYLE : COAXIAL CABLE  
105°C 30V

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SIZE: 32AWG×1C  
BRAID : TS

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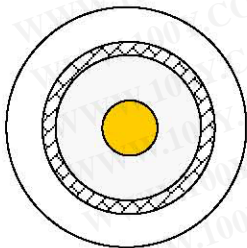
RECOGNIZED: UL 1979  
MEET VW-1

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## SPECIFICATION

STYLE	105°C 30V UL 1979	DOCUMENT NO :	A3132TS001
SIZE	32AWG	ESTABLISHED DATE:	Mar/16/2005
STANDARD :			
Conductor	Size	AWG	32
	Material	----	Silver Cover Copper
	Conductors No.	----	7
	Conductors Size	mm	0.085
	O.D.	mm	0.26
Insulation	Average Thickness	mm	0.22
	Diameter	mm	0.70 ± 0.03
	Material	----	FEP
	Color	----	Clear
Braid	Material	----	Tinned Copper
	Construction	mm	16 / 4 / 0.050
	Coverage	%	89.4
Jacket	Average Thickness	mm	0.12
	Diameter	mm	1.13 ± 0.05
	Material	----	FEP
	Color	----	According to customer
Marking	Non		
Drawing	 <div data-bbox="933 1680 1404 1859" style="border: 2px solid red; padding: 5px; text-align: center;"><p>勝特力材料 886-3-5753170 勝特力电子(上海) 86-21-34970699 勝特力电子(深圳) 86-755-83298787 <a href="http://www.100y.com.tw">Http://www.100y.com.tw</a></p></div>		

AK001/210X297/1.0

PAGE : 1

EDITION : 1.4

MAKER : *H. C. KUO* CONFIRM : *C. Y. Chen*

APPROVAL : *W. J. Wang*



## SPECIFICATION

Electrical & Physical Properties					
Item		32AWG			
Rating Temp Voltage		105°C 30V			
Conductor Resistance		482 OHM/KM/20°C MAX.			
Insulation Resistance		3000 MEGA OHM-KM MIN.			
Dielectric Strength		AC 1000 V/Minute			
Spark Test		2 KV			
Insulation	Unaged	Tensile Strength	2500 PSI MIN.( 1.76 Kg / m m <sup>2</sup> )		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN. 75%(168HRS×232°C)		
		Elongation	UNAGED MIN. 75%(168HRS×232°C)		
Jacket	Unaged	Tensile Strength	2500 PSI MIN.( 1.76 Kg / m m <sup>2</sup> )		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN.75%(168HRS×232°C)		
		Elongation	UNAGED MIN.75%(168HRS×232°C)		
Nom. Impedance		50 ± 3 Ohms			
Nom. Capacitance		96 ± 3 pF/m			
Nom. Vel. of Prop.		69%			
VSWR Test (0 – 6 GHZ)		Max 1.3			
Flame Test		VW-1 OK			
Attenuation (dB/1m)	2.0GHZ	2.4GHZ	2.5GHZ	5.0GHZ	6.0 GHZ
	2.90	3.20	3.28	5.05	5.40