



## 1. SCOPE

This specification base on UL(UL758) and CSA(C22.2 No.210) standard.

PVC jacketed computer cable for internal wiring or external interconnection of electronic equipment.

All the parts, materials and products conform to RoHS and REACH regulation.

80°C 300V

COMPUTER CABLE

UL 2464 (24 AWG x 5C + P)

## 2.CONSTRUCTION

PART No.		—	CF2405CP14
CONDUCTOR	SIZE	—	24 AWG x 5C + P
	MATERIAL	—	TCU TINNED STRANDED COPPER
	CONDUCTOR	No./MM	7/0.203 ± 0.008
INSULATION	THICKNESS (nom)	MM	0.24
	THICKNESS (min)	MM	0.22
	DIAMETER	MM	1.10 ± 0.08
	MATERIAL	—	LEAD FREE SR-PVC
	COLOR	—	C1= BLACK, C2= BLUE, C3= RED, C4= YELLOW, C5= GREEN
ASSEMBLY STRANDED		—	5 CORES STRANDS
WRAP	FILLER	MM	COTTON ROPE
	PAPER	MM	14 x 0.025
JACKET	THICKNESS (nom)	MM	0.77
	THICKNESS (min)	MM	0.66
	DIAMETER	MM	4.65 ± 0.15
	MATERIAL	—	LEAD FREE PVC
	COLOR	—	BLACK OR OTHER COLOR




### 3. CHARACTERISTICS

ITEM		24 AWG x 5C + P	
RATING TEMP & VOLTAGE		80°C 300V	
CONDUCTOR RESISTANCE (OHM/KM/20°C MAX.)		94.2	
INSULATION RESISTANCE (IN WATER)		0.75 MEGA OHM/KM/15°C (MINIMUM)	
DIELECTRIC STRENGTH		AC 2 KV/MINUTE (NO BROKEN)	
SPARK TEST		4 KV	
INSULATION	UNAGED	TENSILE STRENGTH	3,000 PSI (2.10 Kg/mm <sup>2</sup> ) (MINIMUM)
		ELONGATION	100 % (MINIMUM)
	AGED	TENSILE STRENGTH	UNAGED MIN. 70% (113±1°C x 168 HRS)
		ELONGATION	UNAGED MIN. 70% (113±1°C x 168 HRS)
JACKET	UNAGED	TENSILE STRENGTH	1,500 PSI (1.05 Kg/mm <sup>2</sup> ) (MINIMUM)
		ELONGATION	100 % (MINIMUM)
	AGED	TENSILE STRENGTH	UNAGED MIN. 70% (113±1°C x 168 HRS)
		ELONGATION	UNAGED MIN. 65% (113±1°C x 168 HRS)
DEFORMATION TEST		50% (MAXIMUM) (121±1°C x 1 HR)	
HEAT SHOCK TEST		121±1°C x 1 HR (NO CRACK)	
COLD BEND TEST		-10±2°C x 4 HRS (NO CRACK)	
FLAME TEST		VW-1 (PASS)	

### 4. MARKING

4.1 MARKING INSULATION  
NO MARKING

4.2 MARKING JACKET

AWM 2464 24AWG VW-1 80°C 300V E150612 THAI WONDERFUL  AWM I/II A FT1 80°C 300V  
24AWG -F- (LF)

### 5. CROSS-SECTION OF CABLE

