

SECTION	ITEM	MATE.	THICK.	DIA.	NOTE	DOSAGE (kg/km)
24AWGx4P	CONDUCTOR	BARE COPPER		0.60	7/0.195AS±0.003mm	
	INSULATION	HD-PE	0.24	1.08	±0.03mm	
	EXTRUSION : EXTRUDE				tmax ≤ 0.27mm tmin ≥ 0.22mm	
	COLOR	1P.BLUE & WHITE/BLUE 2P.ORANGE & WHITE/ORANGE				
		3P.GREEN & WHITE/GREEN 4P. BROWN & WHITE/BROWN				
	TWIST	S1=11±0.1mm S2=13.6±0.1mm S3=9.7±0.1mm S4=17.4±0.1mm				
	FILLER	4.6-4.8			CROSS	
	CABLING	TRANSPARENT MYLAR		4.80	S=125±5mm	
	WRAP			4.90	W*H=25*0.025mm	
24AWG	DRAIN	TINNED COPPER		0.61	7/0.20TS±0.008mm	
	WRAP	AL/MYLAR		5.60	W*H=25*0.020mm	
	JACKET	PVC (50P)	0.60	6.80	±0.15mm COLOR : OPTIONAL	
	EXTRUSION : TUBE.				tmax ≤ 0.65mm tmin ≥ 0.508mm	
	MARKING	550MHz (UL) E305668 TYPE CM 24AWG 75°C CSA 204790 CM 75°C				
		ETL VERIFIED TIA/EIA-568-C.2 STP CAT.6 RoHS COMPLIANCE BATCH NO. (ADD "FT" MARK)				

ADD MARK :1000FT,998FT, 2FT,FIRST OUT IS 1000FT WORDS

ELECTRICAL CHARACTERISTICS

CONDUCTOR RESISTANCE AT 20°C : 9.38Ω/100m max

MECHANICAL CHARACTERISTICS

Before Tensile Strength (Mpa): Insulation : 16.50MPa Jacket :13.8MPa

Before Aging Elongation (%) : Insulation : 300% Jacket :100%

Aging Condition (°C) : Insulation : 100 ± 1°C*2days Jacket :100± 1°C*10days

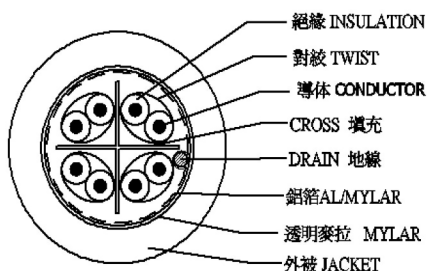
After Tensile Strength (Mpa): Insulation : 75% Jacket : 85%

After Aging Elongation (%) : Insulation : 75% Jacket : 50%

Cold Bend (-20°C±2x4hrs) : Insulation : No Crack Jacket :No Crack

Heat Shock (121°C±1x1hrs) : Insulation : No Crack Jacket : No Crack

SECTION DRAWING:



SPECIFICATION

4P/24AWG STP CAT.6 STRAND

Product No. :

EUAL2404P-427

Date :

2012.09.17

Drawing : Kitty

Check :

APPOVED: