

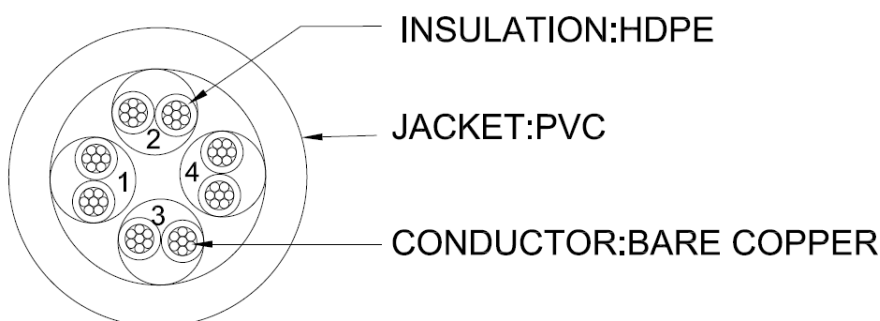
Lan Cable CAT.6 UTP STR 30AWG x 4P PVC

Product Specification

Specification:

Item	Unit	Spec. Value
Conductor	Material	Bare Copper
	Construction	7/ (0.1±0.008)
	Dia.(Approx)	0.3
Insulation	Material	HDPE
	Nom.Thickness	0.1
	Dia.(Approx)	0.5±0.05
	Color	1. White/ Orange、 Orange; 2. White/ Green、 Green 3. White/ Blue、 Blue; 4. White/ Brown、 Brown
Jacket	Material	PVC
	Nom. Thickness	0.3±0.2
	Color	GY177
	Dia.(Approx)	3.0±0.5
Ink Marking	YFC CAT.6 UTP PATCH CONFORMS TO ANSI/TIA-568-C.2 & ISO/IEC 11801 30AWGX4P	

Sketch:



Note:1:

Material:Comply RoHS

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Electrical Performances:

Dielectric Strength of insulation		2500V dc/2 seconds		
Insulation Resistance Test		Min.5000MΩ-Km		
Conductor Resistance		Max.37.6Ω/100m at 20°C		
Resistance Unalance		Max.2%		
Capacitance Unbalance		Max.160 pF/100m		
Mutual Capacitance		Max.5600 pF /100m		
Impedance	1-100 MHz	100Ω±15%		
	100~250MHz	100Ω±22%		
Attenuation&Near End Cross Talk	Frequency	Max.Attenuation	NEXT	PSNEXT
	(MHz)	(dB /100 meters)	(dB),Min.	(dB),Min.
	1 MHz	2.0*	74.3*	72.3*
	4 MHz	3.8*	65.3*	63.3*
	10 MHz	6.0*	59.3*	57.3*
	16 MHz	7.6*	56.2*	54.2*
	20 MHz	8.5*	54.8*	52.8*
	31.25MHz	10.7*	51.9*	49.9*
	62.5 MHz	15.4*	47.4*	45.4*
	100MHz	19.8*	44.3*	42.3*
	150 MHz	24.9*	41.4*	39.4*
	200 MHz	29.0*	39.8*	37.8*
	250 MHz	32.8*	38.3*	36.3*

The asterisked(*)value are for information only.The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula:

$$\text{NEXT}(f \text{ MHz}) \geq \text{NEXT}(0.772) - 15 \log_{10}(f \text{ MHz}/0.772) \text{ dB}$$

Approve : LANDER

Check : JZY

Prepare : LM