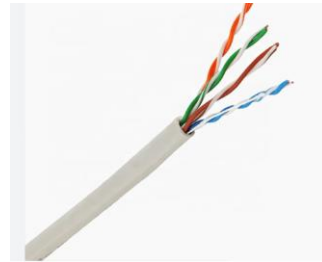
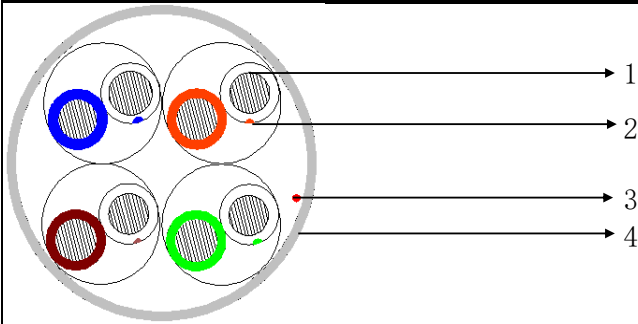


PART NO.UPC-5004E-SOL

## TECHNICAL DATA SHEET

DESCRIPTION:CAT5E UTP INDOOR CABLE PVC 100 Ω 100 MHZ



## CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
MATERIAL:SOLID-CCA(8%)	Max.linear tesistance.	Ω /km	≤95.5
DIAMETER:0.51mm±0.008mm	Mutual capacity(nom.)	pF/m	50
AWG:24	Unbalance capacity max (p/p at 1 KHz)	pF/km	1600
<b>2-INSULATION</b>	Characteristic impedance (1 at 100 MHz)	Ω	100±15
TYPE:PE solid	VELOCITY OF PROPAGATION (f>1MHz)	%of c	66
DIAMETER:0.90mm±0.01mm	<b>Marking</b>		
<b>3-RIP CORD</b>	UPC-5004E-SOL CAT5e UTP LAN CABLE PVC (CCA) solid AWG24/0.51mm CABLEXPRT CE ISO/IEC 11801 001M,002M...305M		
YES			
<b>4-OUTER JACKET</b>			
TYPE:PVC			
COLOUR:LIGHT GREY			
THICKNESS:0.55mm			
EXTERNAL DIAMETER:5.2mm±0.5mm			

## ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20,0	2,10	65,3	62,3	63,8	60,8
4	23,0	4,12	56,3	53,3	51,8	48,8
10	25,0	6,60	50,3	47,3	43,8	40,8
16	25,0	8,20	47,2	44,2	39,7	36,7
20	25,0	9,30	45,8	42,0	37,8	34,8
25	24,3	10,40	44,3	41,3	35,8	32,8
31,25	23,6	11,70	42,9	39,9	33,9	30,9
62,5	21,5	17,00	38,4	35,4	27,9	24,9
100	20,1	22,00	35,3	32,3	23,8	20,8

## OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10×Diameter  
WEIGHT:19.5g/km

NINGBO LCK ELECTRONICS CO.,LTD

FIRE GRADE:IEC 332-1/CPR Eca  
PACKING:305m BOX

Prepared by: David Date:JULY 28,2023 Rev.:1  
Approved by: Sannedy Date:JULY 28,2023 Page1of1

