

PART NO.:UPC-6170E-SOL-OUT

TECHNICAL DATA SHEET

DESCRIPTION:CAT6 UTP CABLE OUTDOOR PVC+PE SHEATH 100 Ω 250MHZ



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
MATERIAL:SOLID-CCA(8%)	Max.linear tesistance.	Ω /km	≤186.5
DIAMETER:0.57m±0.008mm	Mutual capacity(nom.)	pF/m	52
AWG:23	Unbalance capacity max	pF/km	1500
2-INSULATION	Characteristic impedance	Ω	100±15
TYPE:PE solid	VELOCITY OF PROPAGATION	%of c	72
DIAMETER:0.98mm±0.01mm	(f > 1MHz)		
3-Filler	Marking		
HDPE 5.0*5.0mm	CAT6 UTP LAN cable PVC/PE (CCA) solid AWG23/0.57mm CABLEXPRT CE ISO/IEC 11801 001M,002M...305M		
4-RIP CORD			
YES			
5, MYLAR			
6-INNER JACKET			
TYPE: PVC			
COLOUR:BLACK			
THICKNESS:0.55MM			
DIAMETER:6.5mm±0.5mm			
7-OUTER JACK			
TYPE:PE			
THICKNESS:0.55MM			
DIAMETER:6.9+/-0.5MM			

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20,0	2,00	74,3	72,3	67,8	64,8
4	23,0	3,80	65,3	63,3	55,8	52,8
10	25,0	5,30	59,3	57,3	47,8	44,8
20	25,0	8,50	54,8	52,8	41,8	38,8
62,5	21,5	15,40	47,4	45,4	42,0	29,1
100	20,1	19,80	44,3	42,3	27,8	25,0
150	18,9	24,70	41,7	39,7	24,3	21,3
200	18,0	29,00	39,8	37,8	21,8	19,0
250	17,3	32,80	38,3	36,3	20,4	17,0

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10xDiameter

WEIGHT:35.00kg/km

FIRE GRADE:IEC 332-1/CPR Fca

PACKING:305M PER DRUM

NINGBO LCK ELECTRONICS CO.,LTD

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