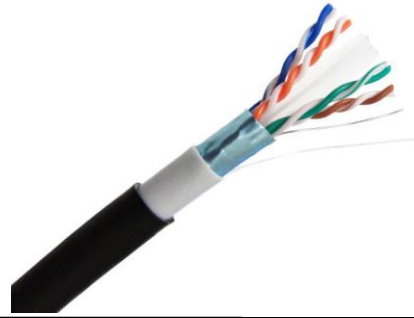


PART NO:FPC-6260E-SOL-OUT

TECHNICAL DATA SHEET

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



CABLE CONSTRUCTION & CHARACTERISTICS

1-CONDUCTOR	PARAMETER	UNIT	VALUE
MATERIAL:SOLID-CCA(20%)	Max.linear tesistance.	Ω /km	150
DIAMETER:0.57+/-0.08mm	Mutual capacity(nom.)	pF/m	45
AWG:23	Unbalance capacity max	pF/km	3300
2-INSULATION	Characteristic impedance		
TYPE:PE solid	(1 at 100 MHz)	Ω	100±15
DIAMETER:1.1mm	(100 at 250 MHz)		100±20
3-Filler 4.5*4.5mm	VELOCITY OF PROPAGATION	%of c	72
4-SYNTHETICAL SEPARTION FOIL:polyester	(f>1MHz)		
5-DRAIN WIRE:	Marking		
Tinned copper 0.4mm			
6-SHIELDING:Aluminium/polyester	FPC-6260E-SOL-OUT CAT6 FTP LAN cable PVC/PE (CCA) solid AWG23/0.57mm CABLEXPRT CE ISO/IEC 11801 001M,002M...305M		
Coverage 110%			
7-RIP CORD			
YES			
8-INNER JACKET			
TYPE:PVC			
COLOUR:LIGHT GREY			
THICKNESS:0.55mm			
EXTERNAL DIAMETER:6.8mm±0.5mm			
9-OUTER JACKET			
TYPE: PE BLACK			
THICKNESS:0.55mm			
EXTERNAL DIAMETER:7.8mm±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

NINGBO LCK ELECTRONICS CO.,LTD

MINIMUM BENDING RADIUS:10xDiameter
WEIGHT:48kg/km
FIRE GRADE:IEC 332-1/CPR Fca
PACKING: 305M PER DRUM

Prepared by: David Date;JULY 28,2023

Rev.:1

Approved by:Sannedy Date:JULY 28,2023

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