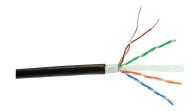
LAN Cable

pro-**Power**



RoHS Compliant

Specifications

Designed of cable					
Inner Conductor	: Single Bare Copper Ø0.573 ±0.005mm				
Insulation	: HDPE				
Insulation Dia.	: Ø1.02 ±0.05mm				
Size of Insulation	: Ø0.87 ±0.05mm				
Core colour	: WH-BU /BU WH-OG/OG WH-GN /GN WH-BN /BN				
First laskst	: PVC				
First Jacket					
Colour	: White				
Size	: Ø6.8±0.2mm				
Wall Thickness	: ≈0.8mm				
Second Jacket	: PE				
Colour	: Black				
Size	: Ø7.5 ±0.2mm				
Wall Thickness	: ≈0.3mm				
Electric data at 20°C					
Conductor Resistance	: ≤70Ω/KM				
Insulation Resistance	: ≥5000MΩ*KM				
Testing Voltage	: wire/wire 50Hz 1min=1.5kV				
Other Electric data:					

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	Ω	≥dB/ 100M	≤dB/ 100M	≥dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≤ns/100M	
1	100±15	20	2.03	74.3	68	72.3	65		
4		23	3.7	65	56	63.3	53	≤45	66%
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25	5.9	59	48	57.3	45		
16		25	7.5	56	43.9	54.2	40.9		
20		25	8.4	55	42	52.8	39		
25		24.3	9.5	53.3	40	41.3	37		
31.25		23.6	10.6	52	38.1	49.9	35.1]	
62.5	100±20 20	21.5	15.4	47	32.1	45.4	29.1]	
100		20.1	19.8	44	28	42.3	25		
200		18	29	40	22	37.8	19		
250		17.3	32.8	38.3	20	36.3	17		
Temperature	Range	: -10°C	to +75°0	C					

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Part Number Table

Description	Part Number	
Networking Cable, Unscreened, Cat6, 23 AWG, Black, 50m	CAT6OD 50M	

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