TECHNICAL DATA SHEET

PRO-POWER

RoHS Compliant

LAN Cable Cat5e Outdoor 305m Black UTP CB19777

Design of cable									
Inner conductor:	Single bare copper Ø0.483±0.01mm								
Insulation:	HDPE								
Colour:	White								
Size:	Ø0.88±0.05mm								
Colour	WH/BU WH/OG WH/GN WH/BN								
2 wires twisted to 1 pair:									
4 wires twisted to a qual:									
PET overlapped:									
Rip wire:									
Jacket:	PE								
Colour:	Black								
Size:	Ø5.2±0.2mm								
Wall thickness:	≈0.5mm								
Electric data at 20°C									
Conductor resistance:	≤110.0Ω/km								
Insulation resistance:	≥5000MΩ*km								
Testing voltage:	wire/wire/screen 50Hz1min=1.5kv								
ATT Max less than 10%:									
Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	Ohm	≥dB/100m	≥dB/100m	≥dB/100m	≥dB/100m	≥dB/100m	≥dB/100m	≥ns/100m	
1	100±15	20.0	2.04	65.3	63.8	62.3	60.8	≤45	66%
4		23.0	4.1	56.3	51.7	53.3	48.7		
10		25.0	6.5	50.3	43.8	47.3	40.8		
16		25.0	8.2	47.3	39.7	44.3	36.7		
20		25.0	9.3	44.5	37.7	42.8	34.7		
31.25		23/6	11.6	42.9	33.9	39.9	30.9		
62.5		21.5	17.0	38.4	27.8	35.4	24.8		
100		20.1	22.0	35.3	23.8	32.3	20.8		
Miscellaneous									
Permissable temperature:	-15°C~75°C								
Packaging:	305m Reel								

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