

TECHNICAL DATA SHEET

PRO-POWER

LAN Cable Cat6 4 Pair Outdoor 305m Black UTP CB19778

**RoHS
Compliant**

Design of cable									
Inner conductor:	Single bare copper Ø0.55±0.01mm								
Insulation:	HDPE								
Size:	Ø1.0±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:	Ø6.3±0.2mm								
Wall thickness:	≈0.6mm								
Electric data at 20°C									
Conductor resistance:	≤80.0Ω/km								
Insulation resistance:	≥5000 MΩ*km								
Testing voltage:	wire/wire 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	2.1	74.3	68.0	72.3	65.0	≤45	66%
4		23.0	3.7	65.0	56.0	63.3	53.0		
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25.0	5.9	59.0	48.0	57.3	45.0		
16		25.0	7.5	56.0	43.9	54.2	40.9		
20		25.0	8.4	55.0	42.0	52.8	39.0		
25		24.3	9.5	53.3	40.0	41.3	37.0		
31.25		23.6	10.6	52.0	38.1	49.9	35.1		
62.5		21.5	15.4	47.0	32.1	45.4	29.1		
100	100±20	20.1	19.8	44.0	28.0	42.3	25.0		
200		18.0	29.0	40.0	22.0	37.8	19.0		
250		17.3	32.8	38.3	20.0	36.3	17.0		
Miscellaneous									
Permissible temperature:	-15°C~75°C								
Packaging:	305m Reel								

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