TECHNICAL DATA SHEET



LAN Cable Model: CB13956

RoHS Compliant

Design of cable:					
Inner conductor	Single bare copper 0.573mm dia ±0.005mm				
Insulation	HDPE				
Insulation Dia	1.13mm dia ±0.05mm				
Core colours	WH-BU/BU WH-OG/OG WH-GN/GN WH-BN/BN				
Drain wire	Single bare copper 0.573mm dia ±0.005				
Jacket	PVC				
Colour	Light grey				
Size	7.3mm dia ±0.2mm				
Wall thickness	≈0.7mm				
Printing	By request				
Electric data at 20°C					
Conductor resistance	<70.0Ω/km				
Insulation resistance	>5000MΩ*km				
Testing voltage	wire/wire 50Hz 1min=1.5KV				
Impedance	100Ω ±15Ω				
Packing	305M/reel				
Temperature range	$-10^{\circ}C \sim 60^{\circ}C$				

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	2.03	74.3	68.0	72.3	65.0		
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	< 45	66%
25		24.3	9.5	53.3	40.0	41.3	37.0	≤ 45	
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±201	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		

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