

REGAL WEALTH ENGINEERING LIMITED

ADD: SUZHOU REPRESENTATIVE OFFICE, 0203A1 1A SINGA PLAZA JINJIHU ROAD SUZHOU INDUSTRIAL PARK, P.R.CHINA

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Technical Data Sheet

Mode Number: 14891

File Number: 2015-09-15-11

1. Name of cable: LAN Cable
2. P/N: CB14891
3. Designed of cable:
- 3.1 Inner conductor: Single Bare Copper Ø0.553±0.005mm
- 3.2 Insulation: HDPE
- 3.3 Insulation Dia: Ø1.0±0.05mm
- 3.4 Core colour: WH-BU /BU WH-OG/OG
WH-GN /GN WH-BN /BN
- 3.5 Two wires twisted to one pair:
- 3.6 Four pairs twisted to a qual :
- 3.7 Filler:
- 3.8 Rip wire:
4. Jacket: LSOH
- 4.1 Colour: Purple
- 4.2 Size: Ø6.3±0.2mm
- 4.3 Wall thickness: ≈0.6mm
- 4.4 Printing: By request bargain
5. Electric data at 20°C:
- 5.1 Conductor resistance: ≤70.0 Ω/KM
- 5.2 Insulation resistance: ≥5000M Ω*KM
- 5.3 Testing voltage: wire/wire 50Hz1min=1.5KV
- 5.4 Other Electric data

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		

25	100±20	24.3	9.5	53.3	40.0	41.3	37.0	≤45	66%
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		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		

6. Other requirement:

6.1 Permissible temperature: -10°C----60°C

6.2 Packing: 305M/CTN

6.3 Test standard: This Technical Data Sheet

Designed by Regal Wealth Engineering Ltd

2015-9-15