REGAL WEALTH ENGINEERING LIMITED

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

TEL: 86-512-62532393 FAX:86-512-62532690

Technical Data Sheet

Mode Number: NETWORKODOORCCA305File Number: 2015-03-19-03

1. Name of cable: LAN Cable
2. P/N: CB14645 NETWORKODOORCCA305
3. Designed of cable:
3.1 Inner conductor: Single CCA Ø0.50±0.01mm
3.2 Insulation: HDPE
3.3 Size of Insulation: Ø0.91±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 PET Overlappped:
3.8 Rip wire:
4. Jacket: PE
4.1 Colour: Black
4.2 Size: Ø5.2±0.2mm
4.3 Wall thickness: ≈0.5mm
4.4 Printing: By request bargain
5. Electric data at 20℃:
5.1 Conductor resistance: ≤145 Ohm/KM
5.2 Insulation resistance: ≥5000M ohm*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	2.04	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		

These Electric data are subject to Max. 80 meters cable

6. Other requirement:

6.1 Permissible temperature: **-10℃----75℃**

6.4 Packing: **305M/CTN**

6.5 Test standard: **This Technical Data Sheet**

Designed by Regal Wealth Engineering Ltd

2015-3-19