

# 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: 13879

File Number: 2015-09-15-019

1. Name of cable: Coaxial Cable
2. P/N:
3. Designed of cable:
- 3.1 Inner conductor: Single steel copper  $\text{Ø}1.02\pm 0.01\text{mm}$
- 3.2 Insulation: Air space PE
- 3.3 Size of Insulation:  $\text{Ø}4.7\pm 0.1\text{mm}$
- 3.4 Screening: Cu.Foil
- 3.5 Braiding: 16X4/0.12 $\pm$ 0.003mmCCA
4. Jacket: PVC
- 4.1 Colour:
- 4.2 Size:  $\text{Ø}6.5\pm 0.2\text{mm}$
- 4.3 Wall thickness:  $\approx 0.7\text{mm}$
- 4.4 Printing: RW 100U COAXIAL CABLE meter marking
5. Electric data at 20°C:
- 5.1 Conductor resistance:  $\leq 25.0\Omega/\text{km}$
- 5.2 Insulation resistance:  $\geq 5000\text{M}\Omega\cdot\text{km}$
- 5.3 Testing voltage: wire/wire/screen 50Hz 1min=1.5KV
- 5.4 Impedance:  $75\pm 3\Omega$  at 200Mhz
- 5.5 ATT:

Frequence	50	100	200	800	1000
ATT dB/100m	7.3	10.3	12.9	23.5	30.5

6. Other requirement:
- 6.1 Permissible temperature:  $-10^{\circ}\text{C}$ ---- $70^{\circ}\text{C}$
- 6.2 Packing: 100M/Reel
- 6.3 Test standard: This Technical Data Sheet

Designed by Regal Wealth Engineering Ltd  
2015-09-15