

# Shenzhen Rui Chi electronic Co., Ltd

Address: Huaqiang Square D 8A Huaqiang North Futian District Shenzhen city Guangdong province.

Tel : +86 -0755-23956133 / 23956122 Fax: +86 -0755-23956133

## Technical Parameters

### 1. Scope

This specification covers the construction and the electrical properties of wire.

RG174 Coaxial Wire

### 2. Construction

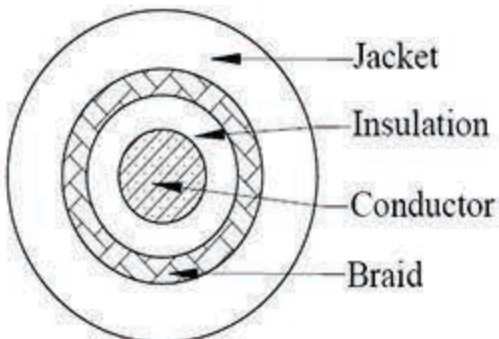
Unit: mm

|              | Item             | Unit       | Details               |
|--------------|------------------|------------|-----------------------|
| Conductor    | Material         | -          | Stranded Bare Copper  |
|              | Composition      | (No./mm)   | 7/0.16 (26AWG)        |
|              | OD.              | mm         | 0.48                  |
|              | Orientation      | -          | S                     |
| Insulation   | Material         | -          | LD-PE                 |
|              | Insulation color | -          | Natrual               |
|              | Nom. Thickness   | mm         | 0.51                  |
|              | OD.              | mm         | 1.5±0.05              |
| Braid Shield | Material         | -          | Bare copper coated Al |
|              | Composition      | (No./mm)   | 16/4/0.12             |
| Jacket       | Material         | -          | PVC                   |
|              | Nom. Thickness   | mm         | 0.44                  |
|              | OD.              | mm         | 2.85±0.10             |
|              | Color            | -          | Black                 |
|              | Marking          | RG174 RoHS |                       |

### 3. Electrical Properties (at 20°C)

| Item                         | Unit     | Details     |
|------------------------------|----------|-------------|
| Conductor Resistance         | Ω/km     | 148 (Max. ) |
| Insulation Resistance        | MΩ • km  | 100 (Min. ) |
| (AC)/Dielectric Strength(AC) | V/ 1 Min | 500         |
| Impedance                    | Ω        | 50 ± 5      |

### 4.



Environment-Friendliness

\*Compliance "0"

| RoHS Directive |         |         |          |          |           |
|----------------|---------|---------|----------|----------|-----------|
| Lead Free      | Hg Free | Cd Free | Cr6+Free | PBB Free | PBDE Free |
| ○              | ○       | ○       | ○        | ○        | ○         |

# RUI CHI