越洋电线电缆有限公司

**同轴线规格：RG 系列**

| Type 型号 | UL Style | Conductor 导体 | MTRL 材质 | Insulation 外径 mm | 绝缘 材质 | 第一层 No./mm | 第二层 No./mm | MTRL 材质 | Jacket 外被 | MTRL 材质 | 特性阻抗 Imped.Ohm | 电容量 pF/m | 衰减量 dB/km |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-6/U | 1354 | 1/1.024 | CCS | 4.57 | FPE | 16/8/0.160 | 16/8/0.160 | TC | 7.40+0.20 | PVC | 75 | 56.8 | 69 |
| RG-7/U | - | 1/0.914 | BC | 6.53 | LDPE | 24/7/0.160 | - | BC | 9.40+0.20 | PVC | 94.5 | 41 | 66 |
| RG-8/U | 1354 | 7/0.724 | BC | 7.24 | LDPE | 24/8/0.160 | - | BC | 10.30+0.20 | PVC | 52 | 96.8 | 69 |
| RG-8A/U | 1354 | 7/0.724 | BC | 7.24 | LDPE | 24/8/0.160 | - | BC | 10.30+0.20 | PVC | 52 | 96.8 | 69 |
| RG-11/U | 1354 | 7/0.404 | TC | 7.24 | LDPE | 24/8/0.160 | - | BC | 10.30+0.20 | PVC | 75 | 67.3 | 76 |
| RG-11A/U | 1354 | 7/0.404 | TC | 7.24 | LDPE | 24/8/0.160 | - | BC | 10.30+0.20 | PVC | 75 | 67.3 | 76 |
| RG-13/U | 1354 | 7/0.404 | TC | 7.11 | LDPE | 24/9/0.160 | 24/8/0.160 | BC | 10.70+0.20 | PVC | 74 | 67.3 | 76 |
| RG-13A/U | 1354 | 7/0.404 | TC | 7.11 | LDPE | 24/9/0.160 | 24/8/0.160 | BC | 10.70+0.20 | PVC | 74 | 67.3 | 76 |
| RG-14/U | - | 1/2.590 | BC | 9.4 | LDPE | 24/10/0.180 | 24/8/0.180 | BC | 13.8+0.20 | PVC | 52 | 96.8 | 46 |
| RG-14A/U | - | 1/2.590 | CCS | 9.4 | LDPE | 24/10/0.180 | 24/8/0.180 | TC | 13.8+0.20 | PVC | 52 | 96.8 | 46 |
| RG-15/U | - | 1/1.450 | BC | 9.4 | LDPE | 24/10/0.180 | 24/8/0.180 | BC | 13.8+0.20 | PVC | 76 | 95.6 | 49 |
| RG-17/U | - | 1/4.780 | BC | 17.3 | LDPE | 24/14/0.255 | - | BC | 22.10+0.35 | PVC | 52 | 96.8 | 28 |
| RG-17A/U | | 1/4.780 | BC | 17.3 | LDPE | 24/14/0.255 | - | BC | 22.10+0.35 | PVC | 52 | 96.8 | 28 |
| RG-19/U | - | 1/6.350 | BC | 23.1 | LDPE | 36/12/0.255 | - | BC | 28.5+0.40 | PVC | 52 | 96.8 | 22 |
| RG-19A/U | - | 1/6.350 | BC | 23.1 | LDPE | 36/12/0.255 | - | BC | 28.50+0.40 | PVC | 52 | 96.8 | 22 |
| RG-22/U | - | 7/0.386*2C | BC | 7.24 | LDPE | 24/8/0.180 | - | BC | 10.30+0.20 | PVC | 95 | 52.5 | 118 |
| RG-22A/U | - | 7/0.386*2C | BC | 7.24 | LDPE | 24/8/0.160 | 24/8/0.160 | BC | 10.70+0.20 | PVC | 95 | 52.5 | 118 |
| RG-22B/U | - | 7/0.386*2C | BC | 7.24 | LDPE | 24/8/0.160 | 24/8/0.160 | BC | 10.70+0.20 | PVC | 95 | 52.5 | 118 |
| RG-29/U | 1354 | 1/0.813 | BC | 2.95 | LDPE | 16/7/0.127 | - | BC | 4.70+0.15 | PE | 53.5 | 93.5 | 138 |
| RG-34/U | - | 7/0.724 | BC | 11.6 | LDPE | 24/9/0.160 | - | BC | 15.9+0.25 | PVC | 71 | 70.5 | 46 |
| RG-34B/U | - | 7/0.632 | BC | 11.7 | LDPE | 24/10/0.180 | - | BC | 16.00+0.25 | PVC | 75 | 67 | 48 |
| RG-54A/U | - | 7/0.386 | BC | 4.52 | LDPE | 16/9/0.160 | - | BC | 6.10+0.15 | PE | 58 | 85.8 | 187 |
| RG-55/U | - | 1/0.813 | BC | 2.9 | LDPE | 16/7/0.127 | 16/8/0.127 | BC | 5.00+0.15 | PE | 53.5 | 93.6 | 138 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RG-58/U | 1354 | 1/0.813 | BC | 2.95 | LDPE | 16/8/0.127 | - | TC | 4.95+0.15 | PVC | 53.5 | 93.5 | 138 |
| RG-58A/U | 1354 | 19/0.180 | TC | 2.95 | LDPE | 16/8/0.127 | - | TC | 4.95+0.15 | PVC | 50 | 93.5 | 174 |
| RG-58C/U | 1354 | 19/0.180 | TC | 2.95 | LDPE | 16/8/0.127 | - | TC | 4.95+0.15 | PVC | 50 | 93.5 | 174 |
| RG-59/U | 1354 | 1/0.643 | CCS | 3.71 | LDPE | 16/7/0.160 | - | BC | 6.15+0.15 | PVC | 73 | 68.9 | 125 |
| RG-59A/U | 1354 | 1/0.643 | CCS | 3.71 | LDPE | 16/7/0.160 | - | TC | 6.15+0.15 | PVC | 73 | 68.9 | 125 |
| RG-59B/U | 1071 | 1/0.584 | CCS | 3.71 | LDPE | 16/7/0.160 | - | BC | 6.15+0.15 | PVC | 73 | 68.9 | 112 |
| RG-62/U | 1354 | 1/0.643 | CCS | 3.71 | LDPE | 16/7/0.160 | - | BC | 6.15+0.15 | PVC | 93 | 44.3 | 102 |
| RG-62A/U | 1478 | 1/0.643 | CCS | 3.71 | LDPE | 16/7/0.160 | - | BC | 6.15+0.15 | PVC | 93 | 44.3 | 102 |
| RG-63/U | - | 1/0.643 | CCS | 7.24 | LDPE | 24/8/0.180 | - | BC | 10.30+0.20 | PVC | 125 | 32.8 | 66 |
| RG-63B/U | - | 1/0.643 | CCS | 7.24 | LDPE | 24/8/0.180 | - | BC | 10.30+0.20 | PVC | 125 | 32.8 | 66 |
| RG-71/U | 1354 | 1/0.643 | CCS | 3.71 | LDPE | 16/7/0.160 | 16/8/0.127 | BC | 6.40+0.15 | PE | 93 | 44.3 | 102 |
| RG-89/U | - | 1/0.643 | CCS | 7.24 | LDPE | 16/12/0.180 | - | BC | 16.00+0.25 | PVC | 125 | 32.8 | 66 |
| RG-108/U | - | 7/0.320*2C | TC | 1.84 | LDPE | 16/6/0.127 | - | BC | 6.20+0.15 | PVC | 78 | 74.3 | - |
| RG-108A/U | - | 7/0.320*2C | TC | 2.01 | LDPE | 16/6/0.127 | - | BC | 5.97+0.15 | PVC | 78 | 74.3 | - |
| RG-122/U | 1354 | 27/0.127 | TC | 2.44 | LDPE | 16/6/0.127 | - | BC | 4.06+0.15 | PVC | 50 | 105 | 195 |
| RG-130/U | - | 7/0.724*2C | BC | 12 | LDPE | 24/8/0.255 | - | BC | 15.90+0.25 | PVC | 95 | 56 | 99 |
| RG-133A/U | - | 1/0.645 | BC | 7.2 | LDPE | 24/8/0.180 | - | BC | 10.30+0.20 | PVC | 95 | 53 | 76 |
| RG-164/U | - | 1/2.650 | BC | 17.3 | LDPE | 24/14/0.255 | - | BC | 22.10+0.35 | PVC | 75 | 67 | 30 |
| RG-174/U | 1354 | 7/0.160 | CCS | 1.52 | LDPE | 16/5/0.100 | - | TC | 2.54+0.15 | PVC | 50 | 110 | 259 |
| RG-213/U | - | 7/0.752 | BC | 7.24 | LDPE | 24/8/0.180 | - | BC | 10.30+0.20 | PVC | 50 | 100 | 69 |
| RG-216/U | - | 7/0.404 | TC | 7.24 | LDPE | 24/9/0.160 | 24/8/0.160 | BC | 10.80+0.20 | PVC | 75 | 67 | 88 |

注：TC：镀锡铜 BC：裸铜 CCS：铜包钢

**JIS / CNS 系列同轴电缆**

| 特性阻抗 | 符号 | 特性阻抗 | 符号 |
|---|---|---|---|
| 50 Ω | 0.8 D – 2V | 75 Ω | 2.5 C – 2V |
| | 1.5 D – 2V | | 2.5 C – 2V |
| | 2.5 D – 2V | | S3C – 2V |
| | 3 D – 2V | | 3 C – 2VCS |
| | 5 D – 2V | | 3 C – 2VS |
| | 8 D – 2V | | 3 C – 2W |
| | 10 D – 2V | | 3 C – 2WS |
| | 1.5 D – 2V | | 5 C – 2V |
| | | | 5 C – 2VS |
| | | | 5 C – 2W |
| | | | 7 C – 2V |
| | | | 10 C – 2V |

符号说明：

1. 第一个字母：代表大约绝缘外径。
2. 第二个字母：D →50 Ω 电缆　　C →　75 Ω 电缆
3. 第三个字母：Z → PE 绝缘
4. 第四个字母：V →　一层编织　　W →二层编织　　T →三层编织
5. 第五个字母：S →　导体为绞铜线
6. 第五及第六个字母：　CS →　导体为铜包钢

构造及特性：

| 型号 | 内部导体 (条数/mm) | 绝缘外径 (mm) | 外部导体 | | 完成外径 (mm) | 最大导体电阻 20℃ (Ω/ Km) | 静电容量 1KHz (nf/Km) | 特性阻抗 Ω | 标准衰减量 dB / Km | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 第一层编织 | 第二层编织 | | | | | 1M | 10M | 30M | 200M |
| | | | 条数/mm /锭数 | 条数/mm /锭数 | | | | | Hz | Hz | Hz | Hz |
| 0.8C-2V | 1 / 0.26* | 0.8 | 3 / 0.1 / 16 | — | 2.00 ± 0.40 | 968 | 102 ± 8 | 50 ± 4 | 140 | 180 | 280 | 700 |
| 1.5C-2V | 7 / 0.18 | 1.6 | 5 / 0.1 / 16 | — | 2.90 ± 0.40 | 110 | 104 ± 5 | 50 ± 2 | 27 | 85 | 155 | 400 |
| 2.5D-2V | 1 / 0.80 | 2.7 | 7 / 0.12 / 16 | — | 4.30 ± 0.50 | 35.9 | 100 ± 5 | 50 ± 2 | 15 | 45 | 88 | 240 |
| 3D-2V | 7 / 0.32 | 3.0 | 5 / 0.14 / 24 | — | 5.30 ± 0.50 | 33.3 | 100 ± 4 | 50 ± 2 | 13 | 47 | 77 | 220 |
| 5D-2V | 1 / 1.40 | 4.8 | 7 / 0.14 / 24 | — | 7.30 ± 0.50 | 11.7 | 100 ± 4 | 50 ± 2 | 8 | 27 | 46 | 125 |
| 5D-2W | 1 / 1.40 | 4.8 | 7 / 0.14 / 24 | 7 / 0.14 / 24 | 8.00 ± 0.50 | 11.7 | 100 ± 4 | 50 ± 2 | 8 | 27 | 46 | 125 |
| 8D-2V | 7 / 0.80 | 7.8 | 8 / 0.18 / 24 | — | 11.1 ± 0.50 | 5.13 | 100 ± 4 | 50 ± 2 | 5 | 20 | 30 | 85 |
| 10D-2V | 1 / 2.90 | 9.7 | 10 / 0.20 /24 | — | 13.1 ± 0.50 | 2.67 | 102 ± 4 | 50 ± 2 | 4 | 14 | 24 | 65 |
| 1.5C-2V | 1 / 0.26* | 1.6 | 5 / 0.1 / 16 | — | 2.90 ± 0.40 | 968 | 69 ± 4 | 75 ± 3 | 27 | 96 | 143 | 390 |
| 2.5C-2V | 1 / 0.40 | 2.4 | 6 / 0.12 / 16 | — | 4.00 ± 0.50 | 145 | 69 ± 4 | 75 ± 3 | 16 | 52 | 90 | 250 |
| 2.5C-2VS | 7 / 0.14 | 2.4 | 6 / 0.12 / 16 | — | 4.00 ± 0.50 | 180 | 69 ± 4 | 75 ± 3 | 18 | 60 | 110 | 280 |
| 3C-2V | 1 / 0.50 | 3.1 | 5 / 0.14 / 24 | — | 5.40 ± 0.50 | 91.4 | 67 ± 3 | 75 ± 3 | 14 | 42 | 73 | 194 |
| 3C-2VS | 7 / 0.18 | 3.1 | 5 / 0.14 / 24 | — | 5.40 ± 0.50 | 100 | 67 ± 3 | 75 ± 3 | 14 | 48 | 79 | 215 |
| 3C-2VCS | 1 / 0.50* | 3.1 | 5 / 0.14 / 24 | — | 5.40 ± 0.50 | 256 | 67 ± 3 | 75 ± 3 | 22 | 42 | 70 | 195 |
| 3C-2W | 1 / 0.50 | 3.1 | 5 / 0.14 / 24 | 5 / 0.14 / 24 | 6.50 ± 0.50 | 91.4 | 67 ± 3 | 75 ± 3 | 14 | 42 | 73 | 194 |
| 3C-2WS | 7 / 0.18 | 3.2 | 5 / 0.14 /24 | 5 / 0.14 / 24 | 6.60 ± 0.50 | 110 | 67 ± 3 | 75 ± 3 | 15 | 44 | 79 | 215 |
| 5C-2V | 1 / 0.80 | 4.9 | 7 / 0.14 / 24 | — | 7.40 ± 0.50 | 35.9 | 67 ± 3 | 75 ± 3 | 8 | 27 | 47 | 126 |
| 5C-2VS | 7 / 0.26 | 4.6 | 7 / 0.14 / 24 | — | 7.30 ± 0.50 | 53.1 | 67 ± 3 | 75 ± 3 | 9 | 31 | 55 | 150 |
| 5C-2W | 1 / 0.80 | 4.9 | 7 / 0.14 / 24 | 7 / 0.14 / 24 | 8.30 ± 0.50 | 35.9 | 67 ± 3 | 75 ± 3 | 8 | 27 | 47 | 126 |
| 7C-2V | 7 / 0.40 | 7.3 | 8 / 0.18 / 24 | — | 10.4 ± 0.50 | 20.7 | 67 ± 3 | 75 ± 3 | 7 | 22 | 38 | 105 |
| 10C-2V | 7 / 0.50 | 9.4 | 10 / 0.20 /24 | — | 13.0 ± 0.50 | 13.1 | 67 ± 3 | 75 ± 3 | 5 | 18 | 31 | 86 |