

RG213

Low Cost

Features:
* Low Cost

Applications:
* Telecom
* Interconnect between equipment

Electrical

| | |
|--------------------------|-----------|
| Frequency: | DC~3GHz |
| Impedance: | 50±3Ω |
| Velocity of Propagation: | 66% |
| Voltage Withstand: | 1500V DC |
| Capacitance: | 100±5pF/m |

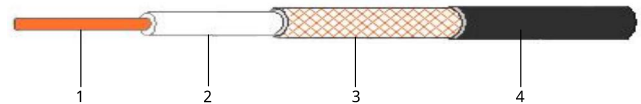
Mechanical

| | |
|--------------|-------|
| Bend Radius: | 100mm |
|--------------|-------|

Environmental

| | |
|--------------|-----------|
| Temperature: | -20~+80°C |
|--------------|-----------|

Construction



| No. | Name | Size (mm) | Material |
|-----|-----------------|-------------|-------------|
| 1 | Inner Conductor | 7/0.75±0.02 | Bare copper |
| 2 | Dielectric | 7.25±0.1 | PE |
| 3 | Outer Shield | 7.85±0.15 | Bare copper |
| 4 | Jacket | 10.3±0.15 | PVC |

Attenuation

| Frequency (GHz) | 0.1 | 0.2 | 0.4 | 0.8 | 1.5 | 2 | 3 |
|-------------------------|-----|------|------|------|------|------|------|
| Attenuation*1 (dB/100m) | 8.8 | 12.7 | 18.4 | 28.3 | 40.7 | 47.5 | 57.2 |

[1] VSWR:1.0; Ambient: +20°C (68°F)

How To Order

RG213-X-Y-Z

X: Frequency in GHz

Y: Connector type

Z: Length in meters

Examples:

To order a RG213 cable assembly, DC-3GHz, N male to N female, 250 meter, specify RG213-3-NNF-250.

Connector naming rules:

N - N

Female Connector - Add 'F' after connector name

Right Angle - Add 'R' after connector name (VSWR increase 0.1)