

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

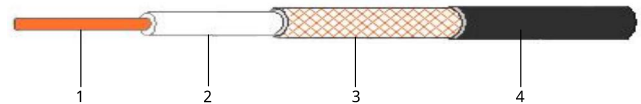
Mechanical

Bend Radius:	100mm
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Environmental

Temperature:	-20~+80°C
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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)