

Coaxial Cable 50 Ω - PE
- Single Shielding

RG-213/U



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Copper (Stranded)	7x0.75mm
Dielectric	PE (Polyethylene)	7.25 mm
Outer Shield	Copper	8.1 mm
Jacket	PVC II (PolyVinyl Chloride)	10.20 mm

Electrical Data

Inner conductor	< 6.1 Ω /Km
Outer conductor	< 1000M Ω /Km
Capacitance	101 nF/Km
Velocity of signal propagation	66.7 %
Insulation resistance Screening	$\geq 1 \times 10^8$ M Ω /m
Impedance	50 Ω
Rated voltage	30V

Mechanical Data

Weight	153 g/m
Min. bending radius	50 mm (Static) 100 mm (Dynamic)

Environmental Data

Temperature range	-20°C to +80°C
Installation temperature	-20°C to +60°C
RoHS (2011/65/EU)	compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 25°C sea level	Typical Attenuation (dB/ft) @ 25°C sea level	Max. CW power (Watt) @ 40°C sea level
0.1	0.06	0.02	1316
0.4	0.13	0.04	658
0.9	0.21	0.07	439
1	0.23	0.07	416