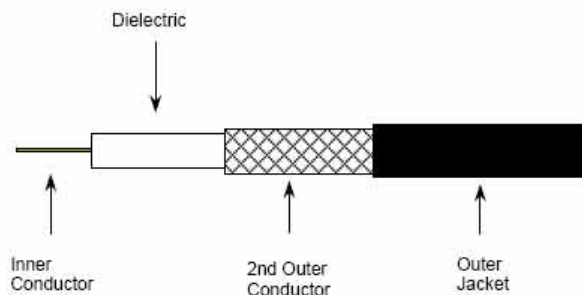


Type: RG-213/U



Series 213 Coaxial Cable

Stranded Bare Copper Conductor
Solid Polyethylene Dielectric
97% Bare Copper Braid
Black PVC Jacket

Cable Ordering Information

Part Number	MI Number	NEC / CSA Listing	
RG-213	TU-1625	none	MIL-C-17F/74B

Characteristics

Material	Detail	inches	mm
Inner Conductor	Stranded Bare Copper	7/21 AWG	7/0.752
Dielectric	Solid Polyethylene	0.285	7.24
1 st Outer Conductor	---	---	---
2 nd Outer Conductor	97% Bare Copper Braid	0.313	7.95
3 rd Outer Conductor	---	---	---
4 th Outer Conductor	---	---	---
Floodant	---	---	---
Jacket	Black PVC	0.406	10.30
Twisted Pairs	---	---	---
Messenger	---	---	---

Mechanical Specifications

Minimum Bend Radius, in. (mm)		2.43	61.80
Product Weight	(less reel)	109.5 lbs /kft	163 kg/km

Electrical Specifications

Characteristic Impedance, Ohm	50 ± 3	
Velocity of Propagation, %	66	
Capacitance, Nominal	30.48 pF/ft	100 pF/m
DC Resistance	Ohm / kft	Ohm / km
Inner Conductor	1.67	5.48
Outer Conductor	1.27	4.15
Loop	2.94	9.63

Attenuation, Nominal @ 68 °F (20 °C)

Frequency, MHz	dB / 100 ft	dB / 100 m
10	1.02	3.34
50	1.70	5.58
100	2.70	8.79
200	4.22	13.84
400	6.80	22.31
700	9.60	31.50
900	9.90	32.47
1000	10.67	35.06