

M17/163A RG-213/U Coaxial Cable
ELECTRONICS
P/N 6321300101

INDUSTRY

Applications

Indoor & Outdoor use, General Antenna connections



Outer Jacket Material
FR-PVC



Outer diameter
10.3 mm nom.



Weight
160 kg/km



General Construction

Coaxial cable of 50 Ohm, for frequency operating range up to 400 MHz

Design & Materials

Conductor Construction	Stranded
Insulation Material	Solid LDPE
Insulation O.D. (mm nom)	7.24
Overall Braid Material	Bare Copper
Braid Conductor Size (mm)	0.18
Braid Coverage (% nom)	96
Outer Diameter (mm nom)	10.3
Outer Jacket Color	Black
Marking	Per request
Outer Jacket Material	FR-PVC

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Performance

Impedance (Ω)	50
DC Resistance (Ω /km nom)	5.67
Capacitance (pF/m)	105.6
Velocity of Propagation (% nom)	66
Dielectric Strength (V/minute)	10000
Corona extinction (kV)	5
Voltage Rating (V)	3700
Min. Operating Temperature ($^{\circ}$ C)	-20
Max. Operating Temperature ($^{\circ}$ C)	+70
UV Resistance	Yes
Installation	Guidelines as per IEC TR 62263

Standards

Flammability Rating
UL 1581 VW-1



Electrical Properties

Frequency [MHz]	Attenuation [db/100m]
1	0.66
10	1.98
50	5.28
100	7.26
200	10.84
400	15.4

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