

SPECIFICATION DATA SHEET

PART NUMBER 202-203

CABLE TYPE RG223/U PVC

GENERAL DESCRIPTION 50 : COAXIAL CABLE. THIS CABLE IS USED EXTENSIVELY IN RADIO FREQUENCY AND ELECTRONIC ENGINEERING INDUSTRIES

RELEVANT STANDARDS IN ACCORDANCE WITH MIL -C-17

COMPONENT	MATERIAL BREAKDOWN	DIAMETER
Inner conductor	0.89mm silver plated annealed copper wire solid	0.89 □ 0.01mm
Dielectric	Polyethylene Nominal wall RT = 1.03mm	2.95 □ 0.05mm
Screen 1 & 2	0.127mm S.P.C.W. 16 spindle carrier 7 wire ends per spindle Coverages of 95% & 94%	3.90 □ 0.10mm
Jacket	Polyvinyl chloride Nominal wall RT = 0.74mm	5.38 □ 0.10mm

Manufacturers ID and Year threads incorporated within cable

WEIGHT 54 kg/km (nominal)

ELECTRICAL PARAMETERS

Capacitance	98.0 to 104.0pF/m @1kHz
Impedance	50.0 □ 2.0 : @200MHz
Attenuation	19.6dB/100m nominal @200MHz
Velocity of propagation	66%
Operating frequency	12.4GHz maximum
Continuous working voltage	1.4kV rms maximum