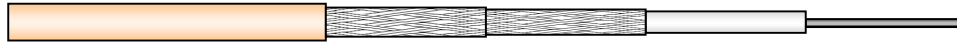




RG 223/U



	Units	Nominal
INNER CONDUCTOR		
Material	-	silver-covered copper wire
Construction	-	1 x
Diameter	mm	0.89
DIELECTRIC		
Material	-	solid polyethylene
Diameter	mm	2.95
OUTER CONDUCTOR		
Material	-	silver-covered copper wire
Construction	-	double braid
Diameter over outer conductor	mm	4.0
OUTER SHEATH		
Material	-	brown PVC
Thickness	mm	0.5
Minimum thickness at any point	mm	0.41
Overall diameter	mm	5

ELECTRICAL CHARACTERISTICS		
Characteristic impedance	Ω	50 +/- 2
Capacity	pF/m	101
Relative propagation velocity (velocity ratio)	%	66
DC-resistance of inner conductor	Ω /km	28
DC-resistance of outer conductor	Ω /km	7
Longitudinal attenuation at 20°C		
a =	-	1.249
b =	-	0.00722
5 MHz	dB/100m	2.83
25 MHz	dB/100m	6.43
50 MHz	dB/100m	9.19
145 MHz	dB/100m	16.09
200 MHz	dB/100m	19.11
300 MHz	dB/100m	23.80
435 MHz	dB/100m	29.19
900 MHz	dB/100m	43.97
1250 MHz	dB/100m	53.18
1500 MHz	dB/100m	59.20
1700 MHz	dB/100m	63.77
1800 MHz	dB/100m	65.99
2200 MHz	dB/100m	74.47
2400 MHz	dB/100m	78.52
2500 MHz	dB/100m	80.50

MECHANICAL CHARACTERISTICS		
Bending radius	- Minimum (1 x)	cm 2

