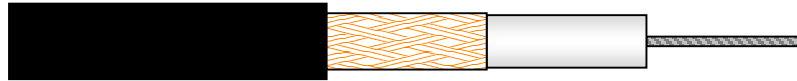




RG 11 A/U



	Units	Nominal
INNER CONDUCTOR		
Material	-	tinned copper wire
Construction	-	7 x 0.4
Diameter	mm	1.2
DIELECTRIC		
Material	-	solid polyethylene
Diameter	mm	7.25
OUTER CONDUCTOR		
Material	-	copper wire
Construction	-	single braid
Diameter over outer conductor	mm	8
OUTER SHEATH		
Material	-	black PVC
Thickness	mm	1.1
Minimum thickness at any point	mm	0.84
Overall diameter	mm	10.2

ELECTRICAL CHARACTERISTICS		
Characteristic impedance	Ω	75 +/- 3
Capacity	pF/m	67.5
Relative propagation velocity (velocity ratio)	%	66
DC-resistance of inner conductor	Ω/km	18.5
DC-resistance of outer conductor	Ω/km	4
Longitudinal attenuation at 20°C		
a =	-	0.62
b =	-	0.0028
5 MHz	dB/100m	1.40
10 MHz	dB/100m	1.99
30 MHz	dB/100m	3.48
50 MHz	dB/100m	4.52
100 MHz	dB/100m	6.48
200 MHz	dB/100m	9.33
300 MHz	dB/100m	11.58
400 MHz	dB/100m	13.52
470 MHz	dB/100m	14.76
600 MHz	dB/100m	16.87
800 MHz	dB/100m	19.78
860 MHz	dB/100m	20.59
1000 MHz	dB/100m	22.41

MECHANICAL CHARACTERISTICS		
Bending radius	- Minimum (1 x)	cm
		5

