

CABLE SPECIFICATION

5945V+2C

RG59, 45% BRAID CORE, +2 Power Cores CCA PE, BLACK PVC JACKET

GENERAL		
RG59	Inner conductor	Copper Covered Steel (CCS)
	Dielectric	Foam PE
	Outer conductor	AL/PET 45% Braid coverage, AL wire
2C	Power Cores	0.5mm ² (CCA)
	Dielectric	PE
Overall	Jacket	Black PVC
	Print	White ink, legible, cannot be wiped off by fingers
	Packing	Red plastic caps on both ends. Film Stretch wrapped, 100m one length per Paper box, 4Boxs per Outer box



DIMENSIONS – (mm)		
RG59	Inner conductor diameter	0.81
	Foam dielectric diameter	3.55
	Foil overlap	15 - 20%
	Foil OD	3.65 ± 0.10
RG59	Braid/wire OD	0.12
	Diameter over jacket	5.00 ± 0.13
	Jacket wall thickness	0.50 nominal
2C	Power Cores diameter	16*0.20
	Power Cores dielectric	1.60
	Power Cores jacket	4.2*2.6
Overall	100M Reel (D*W*H)	270*125*110
	Roll up	PE film on flat roll
	Outer box	280*280*455

PROPERTIES

Operating temperature	-20°C to + 60°C
Dielectric adhesion to conductor	5-12LB/2"
Characteristic Impedance - Ohms	75 ± 3
DC resistance inner conductor - Ohms/km	187
Velocity of Propagation	82%
Return Loss, dB minimum 5-1000 MHz	20

Attenuation, dB/100m max. @ 68°F (20°C):

5 MHz	7.65	450 MHz	17.72
55 MHz	9.88	500 MHz	18.70
211 MHz	12.87	550 MHz	19.52
250 MHz	13.45	600 MHz	20.34
300 MHz	14.60	750 MHz	22.87
350 MHz	15.75	870 MHz	24.85
400 MHz	16.73	1000 MHz	26.64

NOTES

1. Cable and packaging are RoHS 2.0 compliant.
2. Warranty: 3 years.