

## 75ohm Coaxial Cable

Model: RG59-S-CCS

<b>Sheath Printing</b>	It will be printed as customer's requirement with batch produce.			
<b>Category</b>	75Ohm RG59 Coaxial Cables with Power Cable			
<b>1.Conductor</b>	Material	21% Conductivity CCS		
	Size	20 AWG		
	Nom.O.D.(mm)	0.81	Up	+0.01
			Down	-0.01
<b>2.Dielectric</b>	Material	Foamed PE		
	Diameter	3.65±0.01mm		
	Average Thickness	1.42 ± 0.005mm		
<b>3.Outer Conductor</b>	1st Shielded	Bonded Al Foil		
		Dia:3.80±0.05mm		
	2 <sup>nd</sup> Braiding	0.12mm Al Alloy braiding		
		Coverage Min 60%		
	Diameter: 4.25 ± 0.05mm			
<b>4.Coaxial Jacket</b>	Diameter:	6.10±0.20mm		
	Material	FR-PVC		
	Thickness(mm)	0.75±0.02mm		
<b>5. Power Cable</b>	1) Conductor	2 * 20 AWG		
		CCA		
	2) Insulation	1.5 ± 0.2mm HDPE Insulation		
	3) Jacket	5.4 ± 0.1mm FR-PVC		
<b>6.Overall</b>	Construction	Siamese		
	Size	(11.5 ± 0.5) * (6.1 ± 0.2) mm		
<b>7. Printing</b>	Letter height:	3±0.5mm		
	Color	White or Black		
	Print error & Space	≤ ±0.5%, 1m or 2 feet		
<b>8. Packing</b>	305M Plastic reel or as customer's request			
<b>9. Weight</b>	20 KGS ± 10%			
<b>8. Electrical properties (20°C)</b>	Conductor tensile strength > 1200Mpa		Frequency	Attenuation: @ 20°C
	Conductor Elongation > 1.5%		MHz	dB/100m (max.)
	Working Temperatures:-20°C-60°C		5	2.82
	Outer Resistance: 30 ±1 ohms / km		55	6.73
	Loop Resistance: 121.5 ohms / km		211	12.47
	Impedance: 75.0±3.0 Ω		250	13.45
	Capacitance: 53.0±3.0 pf/m		450	17.72
	Velocity Of Propagation:85% Nominal		550	19.96
		750	22.91	
		870	24.94	
		1000	26.74	

