



**RG 86 SUCO FORM CABLE**

- The high Performance of attenuation allows co-axial cable to be used in different RF systems , such as 3G, 4G Mobile Communication.
- Wide range of applications, such as indoor distribution, broadcast, various base stations wireless cellular, and others
- Lower VSWR, perfect shielding effectiveness, and extraordinary inter-modulation performance lead to fewer energy loss and outer interference

Construction		Diameter
Center Conductor	Steel, Copper Silver Plated	0.53 mm
Dielectric	PTFE	1.65 mm
Outer conductor	Copper, Tin plated	2.1 mm

Electrical Characteristics	
Impedance	50 Ω
Max. operating frequency	40 GHz
Velocity of signal propagation	71 %
Capacitance	95 pF/m
Signal delay	4.7 ns/m
Insulation resistance	≥ 1 x 10 power 8 MΩm
Min. screening effectiveness	> 100 dB (up to 18 GHz)
Max. operating voltage	1.5 kVrms (at sea level)
Test voltage	3 kVrms (50 Hz/1 min)

Mechanical & Environmental Specification	
Weight	1.5 kg/100 m
Min. bending radius (Static)	6 mm
Min. bending radius (Repeated)	20 mm
Temperature range	-65 °C ~ + 165 °C
Installation temperature	-20 °C ~ + 60 °C
RoHS	Compliant