



## Specifications

Models	C14SC (Stand Cable)	C14SC-Z (Fire-retardant Cable)
Inner Conductor	Material: CCA / Diameter: 1.9±0.02 (mm)	
Insulation	Material: Foamed PE / Diameter: 5.0±0.1 (mm)	
Outer Conductor	Material: Helical Corrugated Copper Tube / Diameter: 6.4±0.15 (mm)	
Jackiet	Material: LLDPE / Diameter: 7.5±0.15 (mm)	

### MECHANICAL SPECIFICATIONS

Bending Radius	13mm/Single Bend    25mm/Repeated Bend	
Tensile Strength	600N	
Weight	70kg/km   154lb/km	
Operating Temperature	-55°C to +85°C   -67°F to +185°F	-30°C to +80°C   -22°F to +176°F
Storage Temperature	-70°C to +85°C   -94°F to +185°F	-30°C to +80°C   -22°F to +176°F

### ELECTRICAL SPECIFICATIONS

Inner Conductor DC Resistance	10.45Ω/km	
Outer Conductor DC Resistance	7.02Ω/km	
Impedance	50±1.5Ω	
Capacitance	79.5pF/m	
Velocity	84%	
Dielectric Strength	2.0kv	
Insulation Resistance	> 1×10 <sup>4</sup> MΩ/km	
Peak Power Rating	13.4KV	
Peak Voltage	1200V	
Cut-off Frequency	25GHz	
VSWR	1.10 @ 800MHz-1000MHz 1.15 @ 1700MHz-2500MHz 1.18 @ 2500MHz-3000MHz	

### ATTENUATION

Frequency (MHz)	Attenuation (dB/100m) @ 20°C	Average Power (Kv)
200	8.41	0.86
450	12.80	0.56
800	17.40	0.42
900	18.40	0.38
1000	19.60	0.37
1500	24.30	0.29
1800	26.90	0.27
2000	28.50	0.25
2200	30.22	0.23
2500	32.10	0.22
3000	35.60	0.20