



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

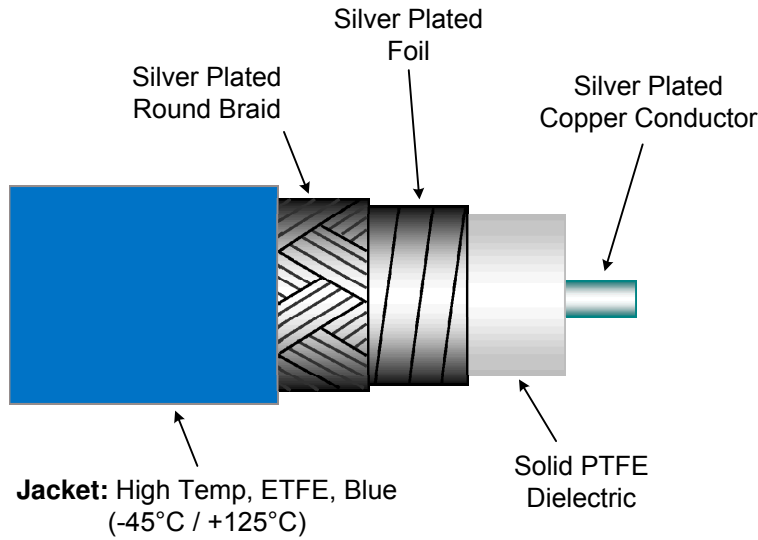
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Crystek SS402 Cable



**Printing:** "Crystek SS402 yyww-xx" (spacing 12")

Packaging: 100' and less in bulk coil  
 Greater than 100' on reel  
 yyww = date code, xx = sequential dash # for each splice (-01, -02, -03, etc.)

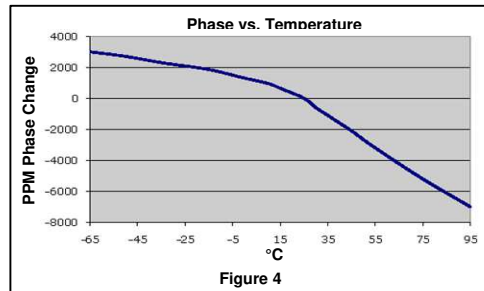
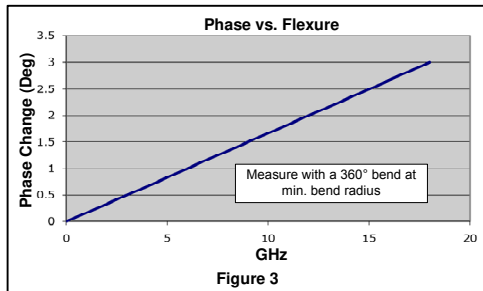
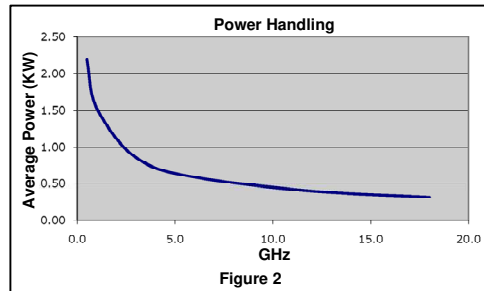
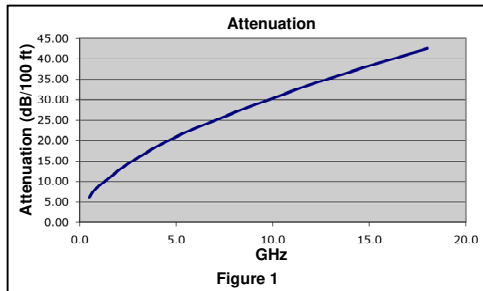
Electrical Properties (Cable Only)	
Impedance (Ω)	50
Velocity of Propagation (%)	70
Min Shielding Effectiveness (dB)	100
Phase vs. Flexure	Figure 3
Phase vs. Temperature	Figure 4
Min Breakdown Voltage (kV)	7
Capacitance (pF/ft)	29
Inductance (nH/ft)	72
Max Operating Freq (GHz)	18.0
Max Structural VSWR	1.25:1

Physical Properties (Cable Only)	
Maximum Temperature (°C)	-65/+125
Recommended Temperature (°C)	-45/+125
High Temp. Jacket Option (in)	0.161
Silver Plated Round Braid O.D. (in)	0.143
Silver Plated Foil O.D. (in)	0.125
Solid PTFE Dielectric O.D. (in)	0.118
Solid Center Conductor (in)	0.036
Inside Min. Bend Radius (in)	0.8
Flexure Life (3x Min. Bend Radius)	>1000
Weight (lbs/ft)	0.028

(This cable series is constructed in accordance with MIL-DTL-17)

Center Conductor: Silver Plated Copper per ASTM B298  
 Dielectric: Type F per ASTM D4894 or D4895, Semisolid PTFE (proprietary)  
 Primary Shield: Silver Plated Copper per ASTM B298  
 Second Shield: Silver Plated Copper per ASTM B298  
 High Temp Jacket: Type X per ASTM D3159, ETFE  
 (Flame Resistance and Smoke = UL94 V-0)  
 Outdoor Jacket: Type XII Polyurethane (optional)  
 (Zero Halogen, Flame Resistance and Smoke = UL94 V-0)

Attenuation (dB/100ft) @ 25°C		
Frequency (GHz)	dB/100 ft	K Watts
0.5	7.94	0.92
1.0	11.59	0.62
3.0	21.65	0.36
6.0	32.79	0.22
12.0	50.73	0.15
18.0	66.23	0.12
K1	10.35	
K2	1.24	



Part Number  
 CC-SS402