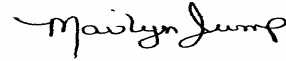


**Test:** Test Method For Axial Pull Connector/Drop Cable  
**Client:** Sterling Connectors, Inc.  
**Specification:** ANSI/SCTE 99 2004  
**Cable PN:** V 621  
**Cable Mfg:** Vextra  
**Cable Type:** CMX (ETL)  
**Description:** RG6 Coaxial Cable  
**Connector Mfg:** Sterling Connectors, Inc.  
**Connector PN:** SPL-6-RTQ  
**Jacket Material:** PVC  
**Criteria:** Performance only  
**Test Temp:** 23°C ± 2°C

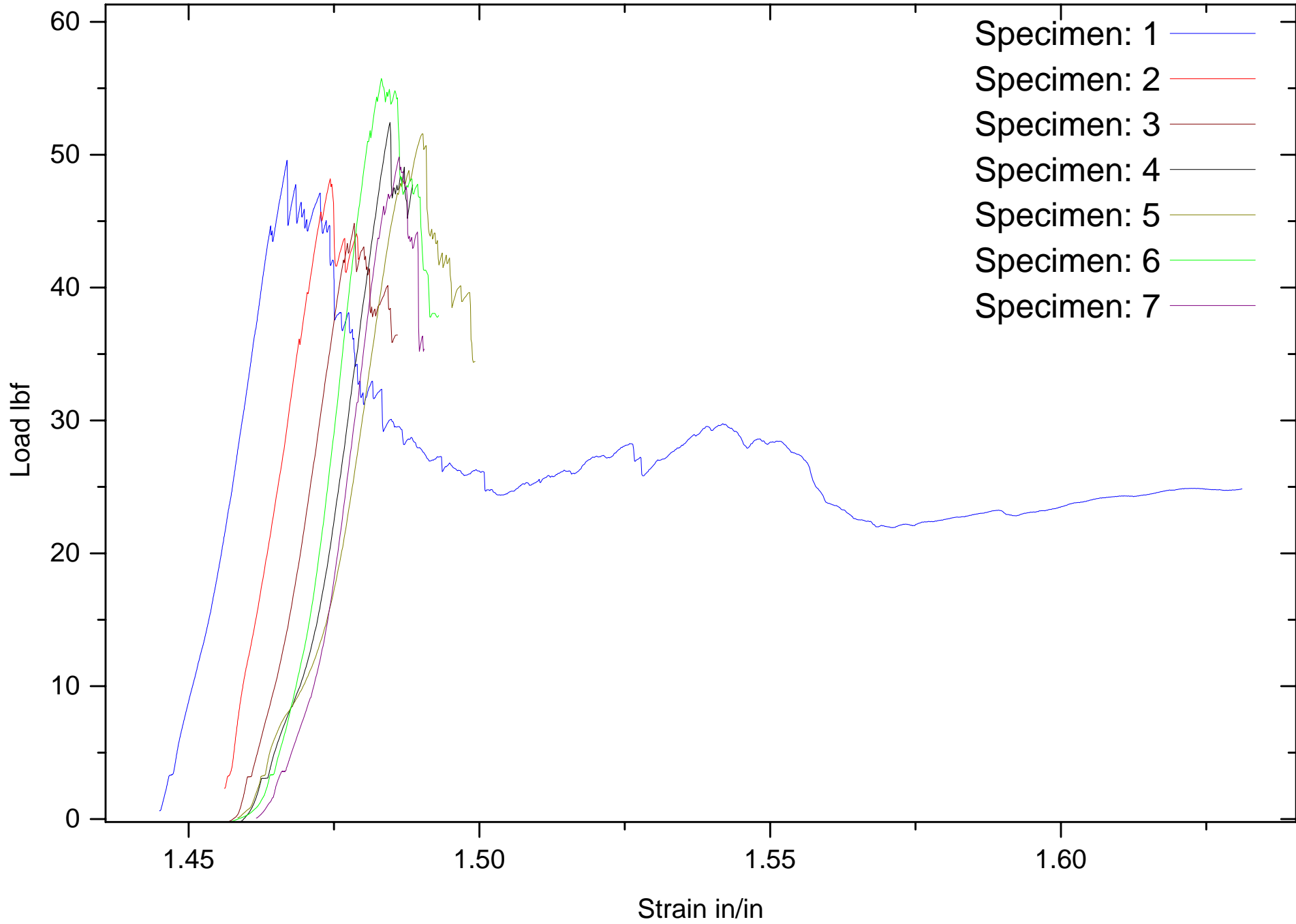
**Date Start:** 1/19/06  
**Job No.:** 3089755  
**Test Engineer:** M. Jump



Equipment Used	Model Number	Control No.	Cal Date
Instron	4443	L065	9/22/2005
Mitutoyo	N/A	N1030	10/6/2005

Sample	Jacket O.D. mm	Jacket Thickness mm	Braid O.D. mm	Dielectric O.D. mm	Max Load
1	6.76	0.72	5.16	4.90	49.61
2	6.71	0.94	5.16	4.79	48.21
3	6.68	0.75	5.16	4.79	44.86
4	6.76	0.80	5.16	4.83	52.43
5	6.71	0.71	5.16	4.85	51.57
6	6.73	0.72	5.16	4.85	55.73
Mean	6.72	0.77	5.16	4.83	50.40

Sample ID: EchostarStirling\_Axial Pull



SCTE 401

Test type: Tensile  
 Operator name: INSTRON  
 Sample Identification: EchostarStirling\_Axial Pull  
 Interface Type: 4200/4300/4400  
 Instron Corporation  
 Series IX Automated Materials Testing System  
 Test Date: Thursday, January 19, 2006  
 8.28.00  
 Sample Rate (pts/secs): 10.0000  
 Crosshead Speed: 0.1000 in/min  
 Second Speed: 0.0000 in/min  
 Third Speed: 0.0000 in/min  
 Humidity ( % ): 50  
 Temperature: 73 F  
 Full Scale Load Range: 200.0000 lbf

Specimen Geometry: Cylindrical

Diameter: 0.2650 in  
 Specimen G. L.: 6.0000 in  
 Grip Distance: 4.0000 in  
 Dimension 4: 0.0000

Sample comments:

	Load at Max.Load (lbf)	Stress at Auto. Break (psi)	Displcmnt at Auto. Break (in)	Area (in^2)	ID (in)
1	49.610	449.931	9.785	0.055	0.265
2	48.210	765.137	8.876	0.055	0.265
3	44.860	657.083	8.912	0.055	0.265
4	52.430	863.456	8.931	0.055	0.265
5	51.570	623.207	8.994	0.055	0.265
6	55.730	685.313	8.957	0.055	0.265
7	49.820	638.393	8.942	0.055	0.265
Mean	50.319	668.931	9.057	0.055	0.265
S.D.	3.423	128.120	0.323	0.000	0.000
C.V.	6.803	19.153	3.569	0.000	0.000
Median	49.820	657.083	8.942	0.055	0.265
Mean +2.00 SD	57.165	925.171	9.703	0.055	0.265
Mean -2.00 SD	43.473	412.691	8.410	0.055	0.265
Minimum	44.860	449.931	8.876	0.055	0.265
Maximum	55.730	863.456	9.785	0.055	0.265