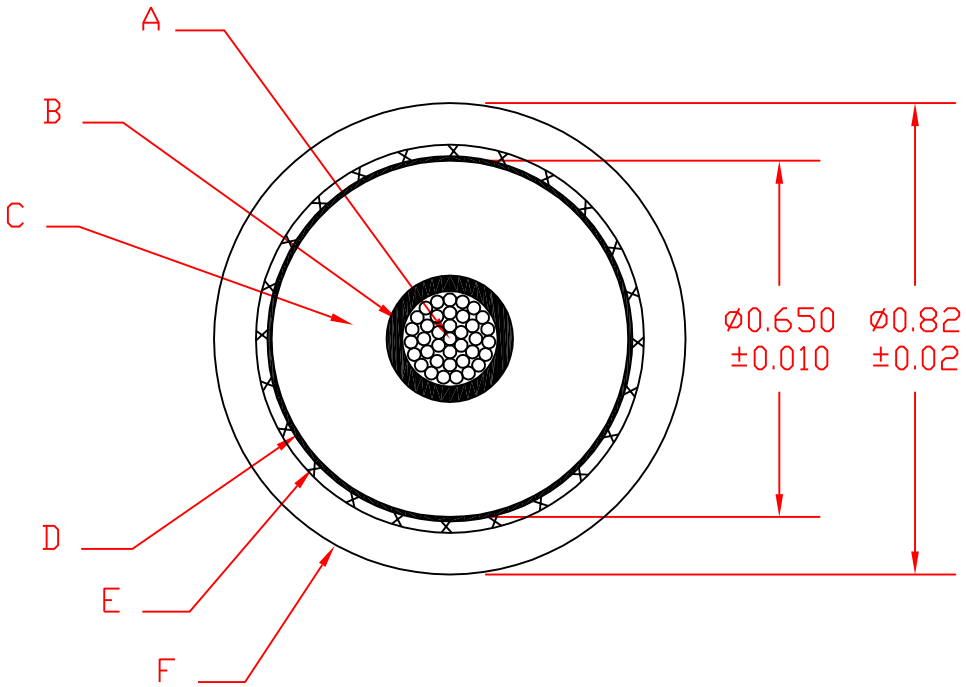
DWG NO. 2062SVJ REV



LEGEND

A. CORE CONDUCTOR
#8AWG(133x) SILVER PLATED COPPER

B. SEMI CON SILICONE TO ø.220, .020 MIN WALL

C. INSULATING SILICONE TO ø.650±.010

D. SEMI CON INK & TAPE TO ø.672±.010

E. SHIELD 0.0063 TIN COATED COPPER BRAID
10 ENDS, 24 CARRIER, 8.1 PICKS/INCH
85% MINIMUM COVERAGE TO ø.70±.010

F. VINYL JACKET, BLACK TO ø0.82±0.02

REVISIONS

REV	ECO NUMBER	APPD	DATE
–	RELEASE DRAWING		

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
TOLERANCE ON

DECIMALS
.XX ±.01
.XXX ±.005

ANGLES
±

CONCENTRICITY .005 TIR
REMOVE BURRS & SHARP EDGES
ALL MACHINE SURFACES 125√

DRAWN D. ABDULKY DATE 11AUG08
CHECKED DATE
APPROVED DATE
MATERIAL
FINISH

DIELECTRIC SCIENCES,INC
CHELMSFORD, MASSACHUSETTS 01824

CABLE: 1/C #8AWG 100KV

SIZE A | FSCM NO. 50509 | DWG NO. 2062SVJ | REV

SCALE | SHEET OF

DIELECTRIC SCIENCES INC.

88 TURNPIKE ROAD, CHELMSFORD, MASSACHUSETTS 01824
TELEPHONE (978) 250-1507
FAX No. (978) 250-1699

CABLE, H.V. SHIELDED

P/N: 2062SVJ

Working Voltage:	100	kVDC	
	30	kVAC	
Test Voltage:		kVDC	
		kVAC	
Dielectric:	Silicone rubber		
Jacket Material:	Black PVC		
Characteristic Impedance:	41	ohm	
Capacitance:	50	pF/Ft.	
Minimum Bend Radius:	5.5	inches	
Minimum Ambient Temp:	-85 ℉	-65 ℃	
Maximum Conductor Temp:	392 ℉	200 ℃	
Maximum Relative Humidity:		%	
Weight:	0.40	lb/ft.	

Conductors

Main H.V. #8 AWG (133x) (8.37 mm^2)

Shield #16 AWG equivalence, #34 AWG tinned copper braid