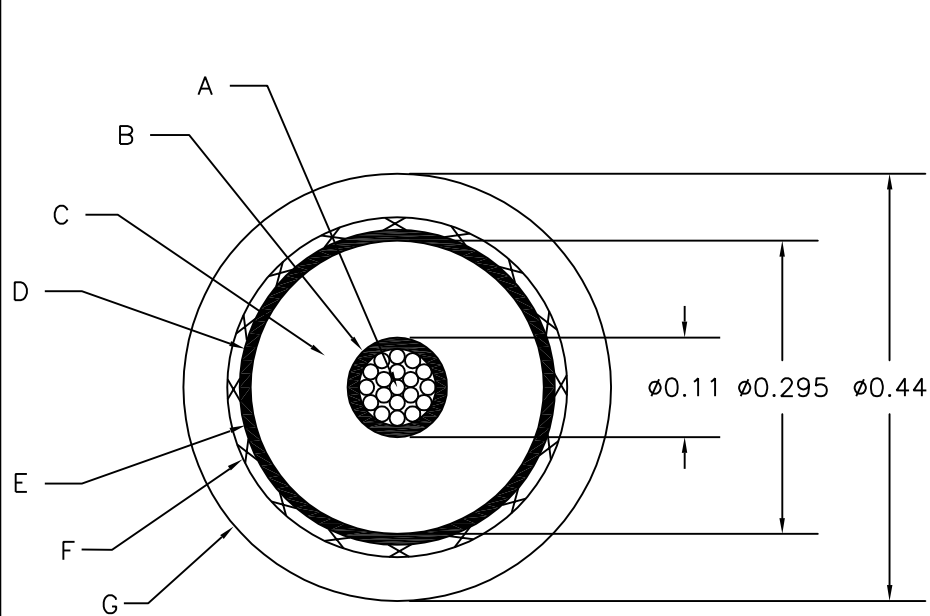




LEGEND

- A. #16 AWG (19 x #29) T.C.
- B. SEMICONDUCTIVE STRAND SHIELD
- C. APPROXIMATELY 0.09 WALL SILICONE.
- D. SEMICONDUCTIVE COATING
- E. SEMICONDUCTIVE TAPE
- F. SHIELD, #34 AWG, 90% COVERAGE.
- G. JACKET, VINYL, BLACK, 0.05 WALL

REVISIONS				THIS DOCUMENT AND THE INFORMATION CONTAINED IN IT ARE THE PROPERTY OF DIELECTRIC SCIENCES, INC AND SHALL NOT BE REPRODUCED OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OF APPARATUS WITHOUT PERMISSION.							
REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED		DRAWN O. ABDULKY	DATE 26FEB08	DIELECTRIC SCIENCES,INC CHELMSFORD, MASSACHUSETTS 01824			
—	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS .XX ±.01 .XXX ±.005		CHECKED	DATE				
						APPROVED		DATE			
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓		MATERIAL		HV CABLE, 16 AWG, 50KVDC			
				 		FINISH		SIZE	FSCM NO.	DWG NO.	REV
								A	50509	2032SVJ	
								SCALE		SHEET	1 OF 1

DIELECTRIC SCIENCES INC.

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TELEPHONE (978) 250-1507
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CABLE, H.V. SHIELDED

P/N: 2032SVJ

Working Voltage: 50 kVDC
17 kVAC

Test Voltage: 55 kVDC
kVAC

Dielectric: Silicone rubber

Jacket Material: black vinyl

Characteristic Impedance: 50 ohm

Capacitance: 44 pF/Ft.

Minimum Bend Radius: 1 inches

Minimum Ambient Temp: -85 °F -65 °C

Maximum Conductor Temp: 392 °F 200 °C

Maximum Relative Humidity: %

Weight: 0.10 lb/ft.

Conductors

Main H.V. #16 AWG (19x) (mm²)

Shield #17 AWG equivalence, #34 AWG tinned copper braid



A HIGH VOLTAGE TECHNOLOGY GROUP COMPANY

