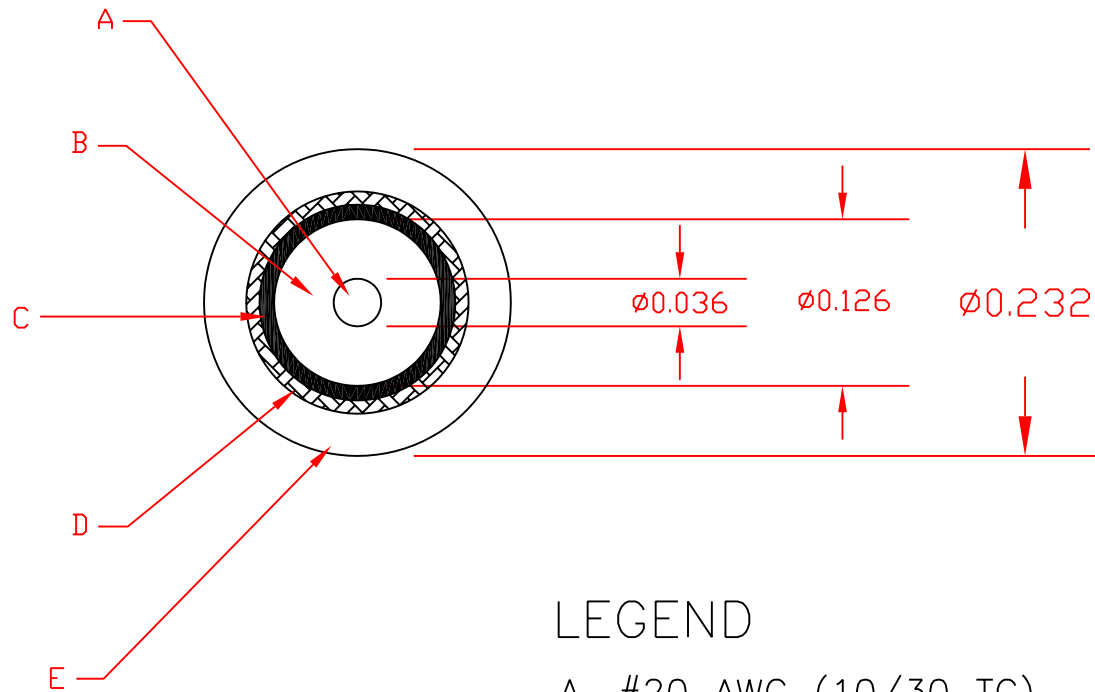




LEGEND

- A. #20 AWG (10/30 TC)
- B. SILICONE INSULATION TO 0.126
- C. SEMICON TAPE 0.0055, 1/2 LAPPED
- D. BRAIDED SHIELD, # 36 AWG TC, 80% COVERAGE.
- E. JACKET, VINYL (FLEXIBLE) 0.032 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 D. ABDULKY		DATE 25NOV03		DIELECTRIC SCIENCES,INC CHELMSFORD, MASSACHUSETTS 01824							
-	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS ANGLES .XX ±.01 ± .XXX ±.005		CHECKED		DATE									
								APPROVED D. LEARY		DATE 25NOV03		CABLE, 15 KV DC					
						MATERIAL											
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓		FINISH				SIZE		FSCM NO.		DWG NO.		REV	
										A		50509		2185SVJ			
										SCALE				SHEET		OF	

CABLE, H.V. SHIELDED

P/N: 2185SVJ

Working Voltage:	15	kVDC
		kVDC
Test Voltage:		kVDC
		kVDC

Dielectric: silicone rubber

Jacket Material: PVC

Characteristic Impedance:	42	ohm
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Capacitance:	43	pF/Ft.
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Minimum Bend Radius:	2.5	inches
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Minimum Ambient Temp:	-85	°F -65 °C
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Maximum Conductor Temp:	140	°F 60°C
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Maximum Relative Humidity:		%
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Weight:	.03	lb/ft.
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Conductors

Main H.V. #20AWG (10 x #30 AWG TC) (0.52 mm²)

Shield #36 AWG TC – 80% coverage equivalent to #21 AWG

Terminations (DSI P/N)

Notes

Applications