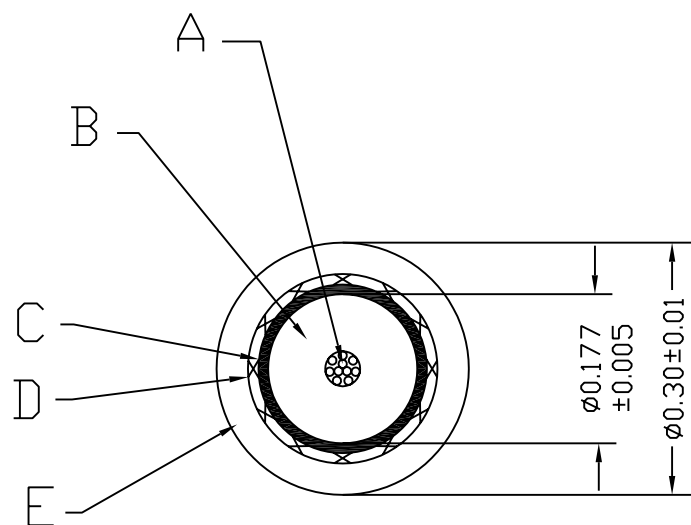




LEGEND

- A. 20 AWG (10/30AWG TC).
B. SILICONE INSULATION TO $\phi 0.177$
C. SEMI-CONDUCTIVE TAPE 0.0055 THICK, HALF LAPPED.
D. BRAID SHIELD 34 AWG T.C. 24 CARRIER
10 ENDS, 85% COVERAGE.
E. JACKET, VINYL (FLEXIBLE)

REVISIONS

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REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED	DRAWN D. ABDULKY	DATE 13DEC07	DIELECTRIC SCIENCES, INC CHELMSFORD, MASSACHUSETTS 01824			
-	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON	CHECKED	DATE				
				DECIMALS .XX ±.01 .XXX ±.005	APPROVED	DATE	CABLE, 20AWG, 30KVDC			
				ANGLES ±	MATERIAL					
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓	FINISH		SIZE A	FSCM NO. 50509	DWG NO. 2178SVJ	REV
				©			SCALE		SHEET	OF

CABLE, H.V. SHIELDED

P/N: 2178SVJ

Working Voltage: 30 kVDC
kVDC
Test Voltage: kVDC
kVDC

Dielectric: silicone rubber

Jacket Material: PVC

Characteristic Impedance: 55 ohm

Capacitance: 33 pF/Ft.

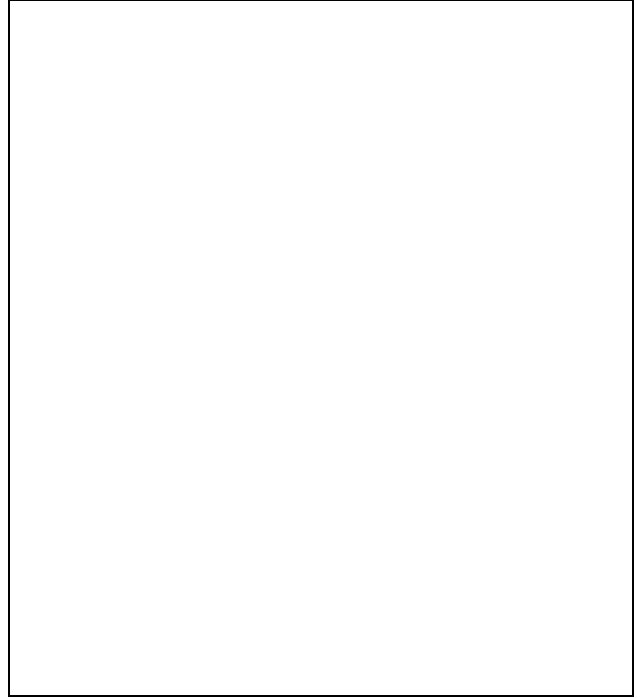
Minimum Bend Radius: 3 inches

Minimum Ambient Temp: -85 °F -65 °C

Maximum Conductor Temp: 140 °F 60°C

Maximum Relative Humidity: %

Weight: .04 lb/ft.



Conductors

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

Shield #34 AWG TC – 85% coverage equivalent to #18 AWG

Terminations (DSI P/N)

Notes

Applications