



LEGEND

- A. No. 4 AWG COPPER, SOLID $\phi .204$.
- B. SEMICON EPR
- C. EPR INSULATION
- D. SEMICON EPR, 0.024 WALL
- E. BRAIDED COPPER SHIELD, 30 AWG TC, 9 ENDS, 24 CARRIER, 5 PICK/INCH
- F. BRAIDED COPPER SHIELD, 30 AWG TC, 11 ENDS, 24 CARRIER, 3.4 PICK/INCH
- G. VINYL JACKET, BLACK, 0.085 WALL.

TEST VOLTAGE: 100 KVAC (RMS), 20 MIN.

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REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED	DRAWN □ Abdulky	DATE 06MAR17	DIELECTRIC SCIENCES, INC CHELMSFORD, MASSACHUSETTS 01824
-	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON	CHECKED	DATE	
				DECIMALS	APPROVED	DATE	HV CABLE
				.XX ±.01 .XXX ±.005	MATERIAL		
				ANGLES ±	FINISH		SIZE A FSCM NO. 50509 DWG NO. 2357 REV 1
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓			SCALE _____ SHEET _____ OF _____

DIELECTRIC SCIENCES INC.

88 TURNPIKE ROAD, CHELMSFORD, MASSACHUSETTS 01824
TELEPHONE (978) 250-1507
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CABLE, H.V. SHIELDED

P/N: 2357

Working Voltage: 300 kVDC
kVAC
Test Voltage: kVDC
kVAC

Dielectric: ethylene propylene rubber

Jacket Material: polyvinyl chloride

Characteristic Impedance: 62 ohm

Capacitance: 30 pF/Ft.

Minimum Bend Radius: 9 inches

Maximum Conductor Temp: 250 °F 120 °C

Maximum Relative Humidity: 100 %

Weight: 1.1 lb/ft.

Conductors

Main H.V. #4 AWG (solid copper) (21.1 mm²)

Shield Braided Copper shield #30 AWG, 8 ends 48 carrier (resistance 0.376 milliohms/ft)



A HIGH VOLTAGE TECHNOLOGY GROUP COMPANY

