



LEGEND

- A. CORE CONDUCTORS
 2X #15AWG(19X.0131") TINNED COPPER WITH .006 FUSABLE POLYESTER TAPE
 2X #18AWG(19X.0093") TINNED COPPER UNINSULATED
 2X #20AWG(7X.0126") COPPER WELD WITH .024 FUSABLE MYLAR 0.002" METALLIZED MYLAR TAPE
- B. SEMI CON EPR TO ϕ .260 .010 MIN WALL
- C. INSULATING EPR TO ϕ .660 \pm .010
- D. SEMI CON EPR TO ϕ .705 \pm .010
- E. SHIELD,.0063 TIN COATED COPPER BRAID 80% MINIMUM COVERAGE TO ϕ .735 \pm .010
- F. JACKET:VINYL;GREY TO ϕ .845 \pm .015

COND. SIZE AWG	RESISTANCE OHMS/1000'@25°C
#15 (19X)	3.51
#18 (19X)	7.16
#20 (7X)	24.12

CAPACITANCE - 51 \pm 10% PICO FARADS/FT

REVISIONS

REV	ECO NUMBER	APPD	DATE
-	RELEASE DRAWING		

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UNLESS OTHERWISE SPECIFIED	DRAWN D. ABDULKY	DATE 20APR05
DIMENSIONS ARE IN INCHES TOLERANCE ON	CHECKED	DATE
DECIMALS .XX \pm .01 .XXX \pm .005	APPROVED	DATE
ANGLES \pm	MATERIAL	
CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125 \checkmark	FINISH	

DIELECTRIC SCIENCES, INC
CHELMSFORD, MASSACHUSETTS 01824

CABLE: 5/C - 100KV LOW NOISE GRIDDED FLEXIBLE X-RAY

SIZE A	FSCM NO. 50509	DWG NO. 2171	REV
SCALE		SHEET	OF