



LEGEND

- A. CORE CONDUCTORS
 2X #15AWG(19X.0131") TINNED COPPER WITH .006 FUSABLE POLYESTER TAPE
 3X #18AWG(19X.0093") TINNED COPPER UNINSULATED
 1X #20AWG(7X.0126") COPPER WELD WITH .024 FUSABLE MYLAR 0.002" METALLIZED MYLAR TAPE
- B. SEMI CON EPR TO ϕ .240 .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 - 49 \pm 10% PICO FARADS/FT

REVISIONS			
REV	ECO NUMBER	APPD	DATE
-	RELEASE DRAWING		

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UNLESS OTHERWISE SPECIFIED	DRAWN D. ABDULKY	DATE 18NOV04	DIELECTRIC SCIENCES, INC CHELMSFORD, MASSACHUSETTS 01824			
	CHECKED	DATE				
DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS ANGLES .XX \pm .01 \pm .XXX \pm .005	APPROVED D. LEARY	DATE 18NOV04	CABLE: 4/C - 100KV LOW NOISE GRIDDED FLEXIBLE X-RAY			
	MATERIAL					
CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125 \checkmark	FINISH		SIZE A	FSCM NO. 50509	DWG NO. 2213	REV
			SCALE		SHEET	OF