



LEGEND

- A. CORE CONDUCTORS  
2X #15AWG(19X.0131") TINNED COPPER WITH .006 THICK FUSABLE POLYESTER TAPE  
3X #18AWG(19X.0093") TINNED COPPER UNINSULATED  
1X #16AWG(19x0.0116") TINNED COPPER WITH .018 WALL TEFLON.

- B. SEMI CON EPR, .010 MIN WALL
- C. INSULATING EPR
- D. SEMI CON EPR,  $\phi .890 \pm .015$
- E. SHIELD,  $\phi .0063$  TIN COATED COPPER BRAID  
90% MINIMUM COVERAGE,  $\phi .915 \pm .015$
- F. JACKET: VINYL; GREY

COND. SIZE AWG	RESISTANCE OHMS/1000'@25°C
#15 (19X)	3.51
#18 (19X)	7.16
#16 (19X)	4.44

CAPACITANCE -  $47 \pm 10\%$  PICO FARADS/FT

REVISIONS

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REV	ECO NUMBER	APPD	DATE
-	RELEASE DRAWING		

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCE ON

DECIMALS .XX $\pm .01$ .XXX $\pm .005$	ANGLES $\pm$
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CONCENTRICITY .005 TIR  
REMOVE BURRS & SHARP EDGES  
ALL MACHINE SURFACES 125 $\checkmark$

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DRAWN D. ABDULKY	DATE 20 OCT 06
CHECKED	DATE
APPROVED	DATE
MATERIAL	
FINISH	

**DIELECTRIC SCIENCES, INC**  
CHELMSFORD, MASSACHUSETTS 01824

CABLE: HV 150KV 4/C

SIZE <b>A</b>	FSCM NO. <b>50509</b>	DWG NO. <b>2266</b>	REV
SCALE		SHEET	OF