



LEGEND

- A. CORE CONDUCTORS
2X #15AWG(19X.0131") TINNED COPPER W/ FUSABLE TAPE (ONE YELLOW, ONE BLACK)
2X #18AWG(19X.0093") TINNED COPPER UNINSULATED
- B. SEMI CON EPR TO $\phi.190$.010 MIN WALL
- C. INSULATING EPR TO $\phi.510 \pm .010$
- D. SEMI CON EPR TO $\phi.555 \pm .010$
- E. SHIELD, #34AWG T.C. , 11 ENDS, 24 CARRIER
95% MINIMUM COVERAGE TO $\phi.580 \pm .010$
- F. JACKET: VINYL; GREY TO $\phi.650 \pm .015$

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

CORONA INCEPTION VOLTAGE – 42 kVrms @ 10PC
 CAPACITANCE – 47±10% PICO FARADS/FT
 IMPEDANCE – 46±10% OHM

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REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED	DRAWN GPLAMBERT	DATE 01OCT01	DIELECTRIC SCIENCES, INC CHELMSFORD, MASSACHUSETTS 01824
-	RELEASE DRAWING	JAG	01OCT01		CHECKED SJ RIGBY	DATE 01OCT01	
				DIMENSIONS ARE IN INCHES TOLERANCE ON DECIMALS ANGLES .XX ±.01 ± .XXX ±.005	APPROVED JA GOLDLUST	DATE 01OCT01	CABLE:3/C-#15AWG 75KV LOW NOISE FLEXIBLE X-RAY
					CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125✓	MATERIAL	
				DO NOT SCALE THIS DRAWING	FINISH		SIZE A
							FSCM NO. 50509
							DWG NO. 2214
							REV
					SCALE		SHEET 1 OF 1