



LEGEND

- A. CELLULAR POLYETHYLENE FOAM TO ϕ .33
- B. BARE COPPER SHIELD— 16 CARRIER
7 ENDS OF .010 DIA 93% COVERAGE
- C. LDHMW POLYETHYLENE TO ϕ .49
- D. BARE COPPER SHIELD— 24 CARRIER
7 ENDS OF .010 DIA 93% COVERAGE
- F. JACKET: LDHMW BLACK POLYETHYLENE TO ϕ .62

TEST VOLTAGE

- 25KVDC INNER CONDUCTOR TO OUTER CONDUCTER
- 10KVDC OUTER CONDUCTOR TO GROUND

CALCULATED PROPERTIES

RESISTANCE — INNER 1.36 ohms/kft
OUTER .88 ohms/kft

CAPACITANCE — 107pF/ft

IMPEDANCE — 12.5 ohms

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REV	ECO NUMBER	APPD	DATE	UNLESS OTHERWISE SPECIFIED	DRAWN GPLAMBERT	DATE 11APR02	DIELECTRIC SCIENCES, INC CHELMSFORD, MASSACHUSETTS 01824			
-	RELEASE DRAWING			DIMENSIONS ARE IN INCHES TOLERANCE ON	CHECKED DJ LEARY	DATE 11APR02				
				DECIMALS	APPROVED DJ LEARY	DATE 11APR02	LOW INDUCTANCE PULSE CABLE			
				ANGLES	MATERIAL					
				CONCENTRICITY .005 TIR REMOVE BURRS & SHARP EDGES ALL MACHINE SURFACES 125 \checkmark	FINISH		SIZE	FSCM NO.	DWG NO.	REV
				DO NOT SCALE THIS DRAWING			A	50509	2245	1
							SCALE		SHEET	1 OF 1