

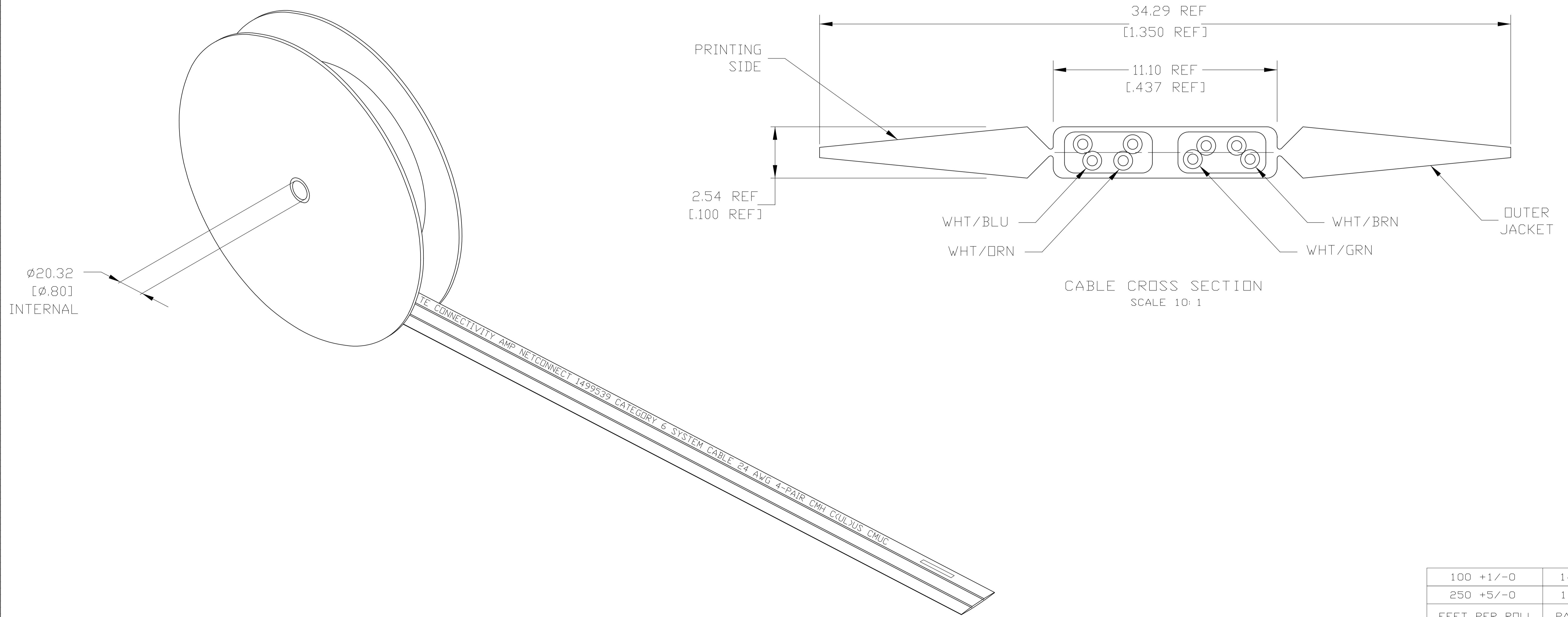
LOC		DIST		REVISIONS			
EH	00	P	LTR	DESCRIPTION	DATE	DN	APVD
		G		REV ECO-11-010127	17MAY2011	LH	SJ
		H		REV ECO-11-011663	06JUN2011	LH	SJ

CATEGORY 6 CHANNEL PERFORMANCE CHARACTERISTICS

FREQUENCY (MHz)	ATTENUATION (dB/100m)	NEXT (dB WORST PAIR)	PSNEXT (dB)	ELFEXT (dB WORST PAIR)	PSELFEXT (dB)	DELAY (ns/100m)	RL (dB)	IMPEDENCE (ohms)	ACR (dB)	PSACR (dB)
	MAXIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MAXIMUM	MINIMUM		MINIMUM	MINIMUM
0.772	1.9	65.0	62.0	65.5	62.5	-	19.0	100±15	63.1	60.1
1.00	2.1	65.0	62.0	63.3	60.3	-	19.0	100±15	62.9	59.9
4.00	4.0	63.0	60.5	51.2	48.2	-	19.0	100±15	59.0	56.5
8.00	5.7	58.2	55.6	45.2	42.2	-	19.0	100±15	52.5	49.9
10.00	6.3	56.6	54.0	43.3	40.3	555	19.0	100±15	50.2	47.7
16.00	8.0	53.2	50.6	39.2	36.2	-	18.0	100±15	45.2	42.6
20.00	9.0	51.6	49.0	37.2	34.2	-	17.5	100±15	42.6	39.9
25.00	10.1	50.0	47.3	35.3	32.3	-	17.0	100±15	39.9	37.2
31.25	11.4	48.4	45.7	33.4	30.4	-	16.5	100±15	37.0	34.3
62.50	16.5	43.4	40.6	27.3	24.3	-	14.0	100±15	26.9	24.1
100.00	21.3	39.9	37.1	23.3	20.3	-	12.0	100±15	18.6	15.8
200.00	31.5	34.8	31.9	17.2	14.2	-	9.0	100±22	3.3	0.3
250.00	35.9	33.1	30.2	15.3	12.3	-	8.0	100±22	-	-

- ⚠ MATERIAL:  
 OUTER JACKET-POLYVINYLCHORIDE, WHITE.  
 CONDUCTORS: COPPER, 24 AWG  
 CONDUCTOR INSULATION: FEP, COLOR CODED
- CABLE SHALL BE CAPABLE OF WITHSTANDING 1500 VRMS BETWEEN OUTER SURFACE AND CONDUCTORS.
  - DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
  - DIMENSIONS IN BRACKETS ( ) ARE IN MILLIMETERS.

PRODUCT COMPLIES WITH TIA/EIA 568, LATEST ISSUE FOR ENGINEERING PURPOSES ONLY, ALL MEASUREMENTS ARE SWEEPED OVER THE FREQUENCY RANGE OF INTEREST.



100 +1/-0	1499539-5
250 +5/-0	1499539-1
FEET PER ROLL	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm (INCHES)	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN L. HALL 18APR2007	CHK J. GENIAC 25APR2007
0. PLC ± -	1. PLC ± .1	APVD J. GENIAC 25APR2007	NAME
2. PLC ± .02	3. PLC ± .005	PRODUCT SPEC	CABLE, 4 UTP, 24AWG, CAT 6 SYSTEM, CMUC
4. PLC ± .0005	ANGLES ±	APPLICATION SPEC	SIZE A1
MATERIAL	FINISH	WEIGHT	CAGE CODE 00779
			DRAWING NO. 1499539
			RESTRICTED TO
			CUSTOMER DRAWING

SCALE NTS SHEET 1 OF 1 REV H