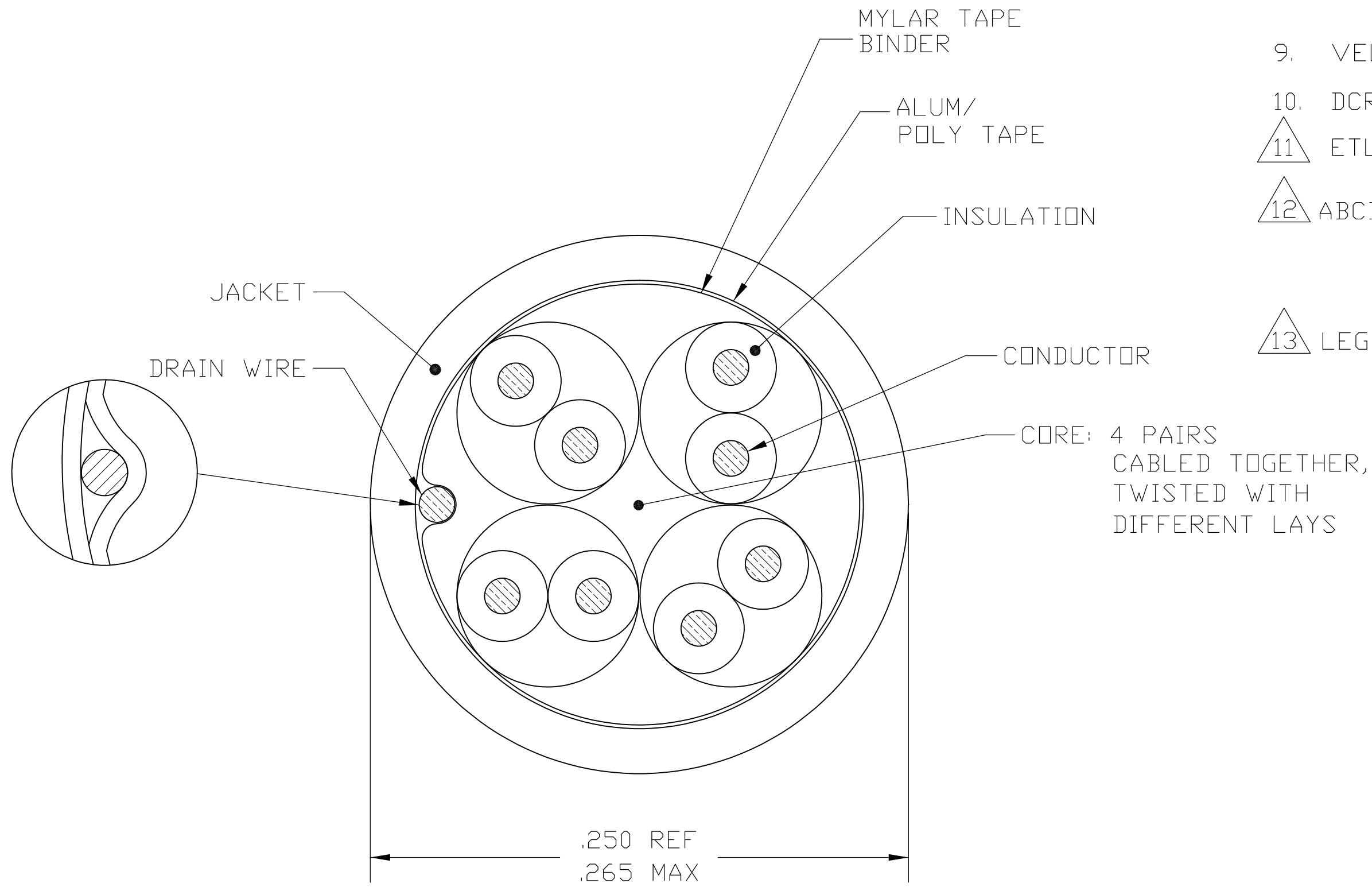


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CATEGORY 5E PERFORMANCE CHARACTERISTICS											
FREQUENCY MHz	SRL	RETURN LOSS (dB) MIN.	INPUT IMPEDANCE	INSERTION LOSS	NEXT (dB) MIN.	POWER SUM NEXT (dB) MIN.	ELFEXT (dB/100m) MIN.	PS ELFEXT (dB/100m) MIN.	ACR (dB) MIN.	PSACR (dB) MIN.	DELAY SKEW 1000 FT
0.772	25	NA	100±15%	1.8	67	64.0	66	63	65	62	45ns
1.00	25	20.0	100±15%	2.0	65	62.0	64	61	63	60	45ns
4.00	25	23.0	100±15%	4.1	56	53.0	52	49	52	49	45ns
8.00	25	24.5	100±15%	5.8	52	49.0	46	43	46	43	45ns
10.00	25	25.0	100±15%	6.5	50	47.0	44	41	44	41	45ns
16.00	25	25.0	100±15%	8.2	47	44.0	40	37	39	36	45ns
20.00	25	25.0	100±15%	9.3	46	43.0	38	35	37	34	45ns
25.00	24.3	24.3	100±15%	10.4	44	41.0	36	33	34	31	45ns
31.25	23.6	23.6	100±15%	11.7	43	40.0	34	31	31	28	45ns
62.50	21.5	21.5	100±15%	17.0	38	35.0	28	25	21	18	45ns
100.00	20.1	20.1	100±15%	22.0	35	32.0	24	21	13	10	45ns

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

FINISHED CABLE DATA		
CONDUCTORS	WIRE AWG	24 AWG SOLID
	OVERALL DIAMETER NOM.	.021 INCHES
	MATERIAL	COPPER
	PLATING	NONE
	ELONGATION	15%
DRAIN WIRE	WIRE AWG	24 AWG STRANDED 7/32
	MATERIAL	COPPER
	PLATING	TINNED
	ELONGATION	15%
INSULATION	MATERIAL	POLYETHYLENE
	NOMINAL WALL	.010 INCHES NOM.
	OVERALL DIAMETER MAX.	.040 NOM.
JACKET	MATERIAL	PVC
	NOMINAL WALL	.030 NOM. .022 MIN POINT



LEGEND TO BE REPEATED EVERY 24"

AMP NETCONNECT ETHER SEAL HIGH NOISE CAT 5e INDUSTRIAL CABLE 4 STP 24 AWG 75c SUN RES OIL RES II CMR c(ETL)_{US} XXXXXXXXX [SEQUENTIAL #] FT ABCD

LOC	DIST	REVISIONS					
EH	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E	REV ECO-11-001451	20JAN2011	LH	JG

1. SEQUENTIAL FOOTAGE MARKING EVERY 2 FEET MAXIMUM.
SEQUENTIAL FOOTAGE IS RETURNED TO ZERO FOR EACH LENGTH.
SEQUENTIAL FOOTAGE ACCURACY TO BE $\pm 1\%$.
2. MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO TIA/EIA 568-B.2.
3. INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN, AND WHITE.
4. JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOR STANDARD.
5. PRINT COLOR SHALL BE BLACK.
6. PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5.
7. PACKAGE IN ACCORDANCE WITH TE SPECIFICATIONS 107-24.
8. GOVERNING SPECIFICATIONS - LATEST REVISIONS
TIA/EIA 568-B.2 CATEGORY 5e
UL 62 SECTION 59 OIL RESISTANCE
UL 444 - CMR
UL 444 SECTION 6.12 UV EXPOSURE
9. VELOCITY OF PROPAGATION: 71% NOMINAL
10. DCR UNBALANCE OF A PAIR: 5% MAXIMUM
11. ETL CONTROL NUMBER.
12. ABCD IS DATE CODE - AB YEAR
CD WEEK
EXAMPLE 9513 (PER 102-60)
13. LEGEND MAY VARY PER REGULATORY REQUIREMENTS.

2. MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO TIA/EIA 568-B.2.

3. INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN, AND WHITE.

- 4 JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A
WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOR STANDARD.

- △5 PRINT COLOR SHALL BE BLACK.

- 6 PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5.

- △7 PACKAGE IN ACCORDANCE WITH TE SPECIFICATIONS 107-24.

8. GOVERNING SPECIFICATIONS - LATEST REVISIONS
TIA/EIA 568-B.2 CATEGORY 5e
UL 62 SECTION 59 OIL RESISTANCE
UL 444 - CMR
UL 444 SECTION 6.12 UV EXPOSURE

9. VELOCITY OF PROPAGATION: 71% NONINAL

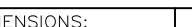
10. DCR UNBALANCE OF A PAIR: 5% MAXIMUM

- 11 ETL CONTROL NUMBER.

- 12 ABCD IS DATE CODE - AB YEAR
CD WEEK
EXAMPLE 9513 (PER 102-60)

- 13** LEGEND MAY VARY PER REGULATORY REQUIREMENTS.

GRAY	500-899	WOODEN REEL	3-1499449-1
GRAY	1000±10%	WOODEN REEL	1499449-3
 COLOR	LENGTH	 PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWG. NO. <u>CL. HALL</u> 10NOV03 CHG. BY <u>R. SPEER</u> 10NOV03		 Tyco Electronics Corporation Harrisburg, Pa., 17105-3608	
DIMENSIONS: UNLESS OTHERWISE SPECIFIED: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED: DECIMALS: .015 FRACTIONS: 1/32		NAME CABLE, NETCONNECT ETHER SEAL, CAT 5e, HIGH NOISE, 4 FTP, 24 AWG, CMR —		SIZE A1	
		0 PLC ± .015 1/2 PLC ± .015 1/16 PLC ± .015 1/32 PLC ± .015 ANGLES ± .5°		PRODUCT SPEC APPLICATION SPEC		CAGE CODE DRAWING NO 00779 C=1499449	
MATERIAL —		FINISH —		WEIGHT —		RESTRICTED TO —	
CUSTOMER DRAWING				SCALE		SHEET 1 OF 1	
				NTS		REV E	