

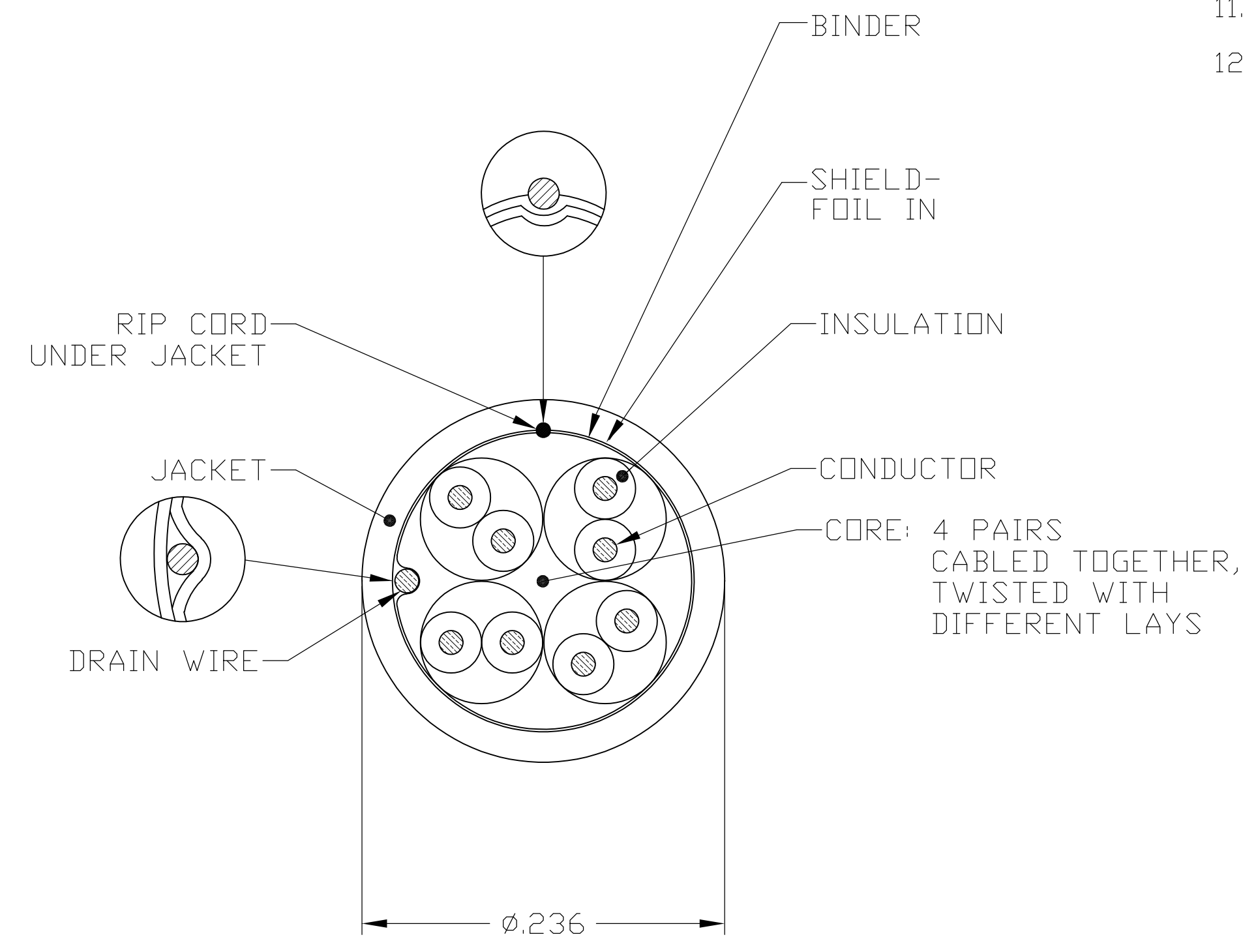
CATEGORY 5E PERFORMANCE CHARACTERISTICS									
FREQUENCY	SRL	RETURN LOSS	INPUT IMPEDANCE	INSERTION LOSS	NEXT	POWER SUM NEXT	ELFEXT	PSELFEXT	DELAY SKEW 1000 FT
0.772	25	19.4	100±15%	1.8	67	64.0	-	-	45ns
1.00	25	20.0	100±15%	2.0	65.3	62.3	63.8	60.8	45ns
4.00	25	23.0	100±15%	4.1	56.3	53.3	51.8	48.8	45ns
8.00	25	24.5	100±15%	5.8	51.8	48.8	45.7	42.7	45ns
10.00	25	25.0	100±15%	6.5	50.3	47.3	43.8	40.8	45ns
16.00	25	25.0	100±15%	8.2	47.2	44.2	39.7	36.7	45ns
20.00	25	25.0	100±15%	9.3	45.8	42.8	37.8	34.8	45ns
25.00	24.3	24.3	100±15%	10.4	44.3	41.3	35.8	32.8	45ns
31.3	23.6	23.6	100±15%	11.7	42.9	39.9	33.9	30.9	45ns
62.50	21.5	21.5	100±15%	17.0	38.4	35.4	27.9	24.9	45ns
100.00	20.1	20.1	100±15%	22.0	35.3	32.3	23.8	20.8	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.	.022 INCHES
	MATERIAL	COPPER
	PLATING	NONE
DRAIN WIRE	WIRE AWG	26 AWG 7/34
	MATERIAL	COPPER
	PLATING	TINNED
	ELONGATION	10%
INSULATION	MATERIAL	FEP
	NOMINAL WALL	.010 INCHES
	OVERALL DIAMETER MAX.	.041 INCHES
BINDER	POLYESTER TAPE	.001 INCH THICK
SHIELD 13	MATERIAL	ALUMINIUM/POLYESTER
	THICKNESS	.002 INCHES
RIP CORD	MATERIAL	NYLON
JACKET	MATERIAL	POLYMER ALLOY
	NOMINAL WALL	.018

PAIR	COLOR CODE
1	WHT/BLU//BLU
2	WHT/ORG//ORG
3	WHT/GRN//GRN
4	WHT/BRN//BRN

1. XXXY - IS AMP MANUFACTURING LOCATION.
- 2 SEQUENTIAL FOOTAGE MARKING EVERY FOOT. SEQUENTIAL FOOTAGE IS NOT RETURNED TO ZERO FOR EACH LENGTH. SEQUENTIAL FOOTAGE ACCURACY TO BE ± 1%.
3. MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO TIA/EIA 568-B.2.
- 4 INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN, AND WHITE.
- 5 JACKET COLOR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOR STANDARD.
- 6 PRINT COLOR SHALL BE BLACK OR BLUE.
- 7 PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5.
- 8 PACKAGE IN ACCORDANCE WITH AMP SPECIFICATIONS 107-24 AND 107-1560.
9. GOVERNING SPECIFICATIONS - LATEST REVISIONS
ISO/IEC 11801
TIA/EIA 568-B.2
- 10 YY IS YEAR AND WW IS WEEK OF MANUFACTURE.
11. VELOCITY OF PROPAGATION: 72% NOMINAL
12. DCR UNBALANCE OF A PAIR: 5% MAXIMUM



LEGEND TO BE REPEATED EVERY 24"

1 AMP NETCONNECT CAT 5E SHIELDED 24 AWG CMP E107890 CULUS ETL VERIFIED TIA/EIA 568-B.2 YY/WW [SEQUENTIAL FOOTAGE NUMBER] FT

VIOLET	1000±10%	WOODEN REEL	1-1499172-7
RED	1000±10%	WOODEN REEL	1-1499172-5
YELLOW	1000±10%	WOODEN REEL	1499172-7
BLUE	1000±10%	WOODEN REEL	1499172-5
GRAY	1000±10%	WOODEN REEL	1499172-3
WHITE	1000±10%	WOODEN REEL	1499172-1
5 COLOR	LENGTH	8 PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: L. HALL 24JUL02	Tyco Electronics Corporation Harrisburg, Pa., 17105-3608	
DIMENSIONS: INCHES		CHK: R. SPEER 24JUL02	NAME: -	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: R. SPEER 24JUL02	PRODUCT SPEC: -	
0. PLC ± -		APPLICATION SPEC: -		
1. PLC ± -		SIZE: A1		
2. PLC ± -		CAGE CODE: 00779		
3. PLC ± -		DRAWING NO: 1499172		
4. PLC ± -		RESTRICTED TO: -		
ANGLES ± -		WEIGHT: -		
FINISH: -		CUSTOMER DRAWING		
		SCALE: NTS		SHEET 1 OF 1
				REV: H