

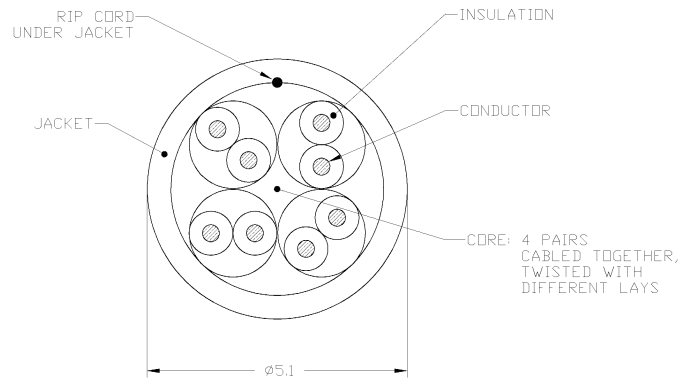
CATEGORY 5e PERFORMANCE CHARACTERISTICS																
FREQUENCY (MHz)	ATTENUATION (dB/100m)		NEXT (dB)		PSNEXT (dB)		ELFEXT (dB)		PSELFEXT (dB)		DELAY (ns/100m)	IMPEDANCE (ohms)	RL (dB)		ACR (dB)	
	MAXIMUM	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM	TYPICAL	MINIMUM			TYPICAL	MINIMUM	TYPICAL	MINIMUM
1.00	2.1	70	79	67	75	64	71	61	68	570	100±15	20	28	68.2	77.3	
4.00	4.0	61	70	58	66	52	59	49	56	552	100±15	23	31	57.3	66.2	
10.00	6.3	55	64	52	60	44	51	41	48	545	100±15	25	33	49.0	57.8	
16.00	8.0	52	61	49	57	40	47	37	44	543	100±15	25	33	44.2	53	
20.00	9.0	51	60	48	56	38	45	35	42	542	100±15	25	33	41.8	50.5	
31.25	11.4	48	57	45	53	34	41	31	38	540	100±15	24	31.6	36.5	45.2	
62.50	16.5	43	52	40	48	28	35	25	32	539	100±15	22	29.5	26.8	35.4	
100.00	21.3	40	49	37	45	24	31	21	28	538	100±15	20	28.1	19.0	27.3	
125.00	24.2	39	47	36	43	22	28	19	24	537	100±15	19	27.2	14.7	22.8	
155.00	27.2	37	46	34	42	20	27	17	24	537	100±15	19	26.8	10.2	18.8	
200.00	31.5	36	45	33	41	18	25	15	22	537	100±15	18	26.0	4.3	13.5	
225.00	33.7	35	44	32	40	17	24	14	21	536	100±15	18	25.6	1.3	10.3	
250.00	35.8	34	43	31	39	16	23	13	20	536	100±15	17	25.3	-	7.2	
300.00	39.9	33	42	30	38	14	21	11	18	536	100±15	17	24.8	-	2.2	
350.00	43.5	32	41	29	37	13	20	10	17	536	100±15	16	24.3	-	-	

IAW EIA/TIA 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.	0.527mm
	MATERIAL	COPPER
	PLATING	NONE
	ELONGATION	15% PER HD608 2.4.3
INSULATION	MATERIAL	POLYOLEFIN
	RADIAL THICKNESS	0.205mm
	OVERALL DIAMETER MAX.	0.938mm
RIP CORD	MATERIAL	NYLON OR POLYESTER
	MATERIAL	LSZH
JACKET	RADIAL THICKNESS (MIN)	0.58mm
	OVERALL DIAMETER	5.10±0.15mm

COLOUR CODE 









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





LEGEND TO BE REPEATED EVERY METRE

AMP NETCONNECT CATEGORY 5e CABLE XXYX 24AWG UTP LSZH YY/WW [SEQUENTIAL METRE MARK]



-  SEQUENTIAL METRE MARKING EVERY METRE. SEQUENTIAL METRE IS NOT RETURNED TO ZERO FOR EACH LENGTH. SEQUENTIAL METRE ACCURACY TO BE ± 1%
2. MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO ISO/IEC 11801 LATEST ISSUE
-  INSULATION COLOURS SHALL BE BLUE, ORANGE, GREEN, BROWN, AND WHITE
-  JACKET COLOUR SHALL BE IN ACCORDANCE WITH EIA-359-A WIRE AND CABLE LIMITS OR AMP SUPPLIED COLOUR STANDARD
-  PRINT COLOUR SHALL BE BLACK
-  PRINT DURABILITY SHALL BE PER UL 444 SECTIONS 31.1 THRU 31.5
-  PACKAGE IN ACCORDANCE WITH AMP SPECIFICATIONS 107-24 AND 107-1560
8. GOVERNING SPECIFICATIONS - LATEST REVISIONS
ISO/IEC 11801
EIA/TIA 568
CATEGORY 5e
-  XXYX IS AMP MANUFACTURING LOCATION.
-  YY IS YEAR AND WW IS WEEK OF MANUFACTURE.

WHITE	500m±2%	REEL	1-57538-7
WHITE	305m±2%	REEL BDX	1-57538-6
VIOLET	1000m±2%	REEL	1-57538-5
VIOLET	305m±2%	PULL BDX	1-57538-4
VIOLET	305m±2%	REEL	1-57538-3
YELLOW	1000m±2%	REEL	1-57538-2
YELLOW	305m±2%	PULL BDX	1-57538-1
YELLOW	305m±2%	REEL	1-57538-0
BLUE	1000m±2%	REEL	57538-9
BLUE	305m±2%	PULL BDX	57538-8
BLUE	305m±2%	REEL	57538-7
GRAY	1000m±2%	REEL	57538-6
GRAY	305m±2%	PULL BDX	57538-5
GRAY	305m±2%	REEL	57538-4
WHITE	1000m±2%	REEL	57538-3
WHITE	305m±2%	PULL BDX	57538-2
WHITE	305m±2%	REEL	57538-1
 COLOUR	LENGTH (METRES)	 PACKAGE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		REV	DATE	BY	APP	DATE	BY
DIMENSIONS: mm		1	11/11/02	EH	1	11/11/02	EH
TOLERANCES UNLESS OTHERWISE SPECIFIED:		0.125mm	0.254mm	0.508mm	1.27mm	2.54mm	5.08mm
MATERIAL: -		FRSH	WEIGHT:	CUSTOMER DRAWING	SCALE: 20:1	SHEET: 1 OF 1	REV: E