

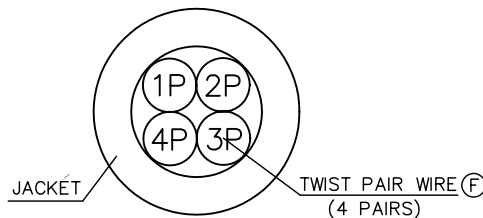
REV	DESCRIPTION	Date	APPROVED
A	PRODUCTION RELEASE	11/26/02	
B	MODIFY CABLE	03/05/03	
C	MODIFY CABLE	09/24/04	
D	ADD PART NUMBER	10/09/04	
E	ADD PART NUMBER	12/09/04	
F	MODIFY PAIR POSITION	06/30/06	
G	MODIFY CABLE JACKET MARKING	05/25/07	



COMPONENT		UNIT		
TWISTED PAIR WIRE	No. OF PAIR	EACH	4	
	CONDUCTOR	CONSTITUTION	24AWG (7/32AWG(0.20MM REF.))	
		MATERIAL	STRANDED, BARE COPPER	
		O.D.	MM 0.62 REF.	
	INSULATION	MATERIAL	PE	
		THICKNESS	MM 0.19 REF.	
		O.D.	MM 0.98±0.03*	
		COLOR	(1)BLUE & WHITE/BLUE (2)ORANGE & WHITE/ORANGE (3)GREEN & WHITE/GREEN (4)BROWN & WHITE/BROWN	
	SAFETY			
	CABLE CORE		ALL THE CABLING ELEMENTS SHALL BE LAY-UP TOGETHER IN CONCENTRIC LAYERS "S" DIRECTION WITH LAY LENGTH 130~160MM REF.	
JACKET	MATERIAL	FR-PVC		
	THICKNESS	MM 0.58 REF.		
	O.D.	MM 5.3±0.1*		
	COLOR	SEE TABLE		
	HARDNESS DUROMETER	SHORE "A" 84±3		
SAFETY		UL CM & CSA CMG FT4		
TEMPERATURE RATING		°C	75	
CONDUCTOR RESISTANCE		89 OHMS/KM MAX. AT 20°C		
INSULATION RESISTANCE		100M OHMS/KM MIN. AT 20°C		
DIELECTRIC STRENGTH		500V AC/1 MINUTE MIN.		
SPARK TEST		2KV IN AIR		
FLAME TEST OF CABLE		UL CM & CSA FT4		
IMPEDANCE		100±15 OHMS (1 MHZ~350 MHZ)		
MARKING (THE SURFACE PRINTING MUST INCLUDE)		E132276-A(UL) CM 75°C 4PR 24AWG CSA LL64151-A CMG FT4 VERIFIED (UL) CAT.5E ETL&3P VERIFIED TO TIA/EIA 568-B.2 ISO/IEC 11801&EN 50173 CAT.5E PATCH CORD UTP 350MHZ CABLESYS		

SRL (dB) MIN.	@ 1~20 MHZ	23
	@ 25.0 MHZ	22
	@ 31.25 MHZ	21
	@ 62.5 MHZ	18
	@ 100.0 MHZ	16
ATTENUATION (dB/100M) MAX.	0.772 MHZ	2.2
	1.000 MHZ	2.4
	4.000 MHZ	4.9
	8.000 MHZ	7.0
	10.000 MHZ	7.8
	16.000 MHZ	9.8
	20.000 MHZ	11.1
	25.000 MHZ	12.5
	31.250 MHZ	14.0
	62.500 MHZ	20.4
100.000 MHZ	26.4	
CROSSTALK NEAR-END CROSS-TALK(PNEXT) dB MAX.	0.772 MHZ	64.0
	1.000 MHZ	62.3
	4.000 MHZ	53.3
	8.000 MHZ	48.8
	10.000 MHZ	47.3
	16.000 MHZ	44.4
	20.000 MHZ	42.8
	25.000 MHZ	41.3
	31.250 MHZ	39.9
	62.500 MHZ	35.4
100.000 MHZ	32.3	

①	XPCS4PCPPR	PURPLE 600-PUR-053	BLACK	1000'
①	XPCS4PCPRD	RED 600-RED-053	BLACK	1000'
①	XPCS4PCPGN	GREEN 600-GRN-080	BLACK	1000'
	XPCS4PCPYL	YELLOW 600-YEW-052	BLACK	1000'
	XPCS4PCPWH	WHITE 600-WHE-052	BLACK	1000'
	XPCS4PCPGY	GRAY 600-GRY-219	BLACK	1000'
	XPCS4PCPBL	BLUE 600-BLU-057	BLACK	1000'
	XPCS4PCPBK	BLACK 600-BLK-001	WHITE	1000'
	PART NO.	JACKET COLOR	COLOR OF MARKING	LENGTH



UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCES ARE		CABLESYS			
		14700 E ALONDR A BLVD, LA MIRADA, CA 90638		WWW.CABLESYS.COM	
		CAT5E PATCH ABLE 1000' REEL			
DESIGNER	T.L.	SIZE	A	FILE NO.	SPEC\CUSTOM CABLE\POP COMPONENT
DRAFTSMAN	U.P.	UNIT	MM	PAGE NO.	1/1
APPROVED BY		SCALE	NTS	DATE	11/26/02
				ITEM NO.	XPCS4PC9
				DWG NO.	XPCS4PC9XX

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_