

ENHANCED CATEGORY 5 PERFORMANCE CHARACTERISTICS

FREQUENCY (MHZ)	ATTENUATION dB/100m MAX	NEXT dB MIN	PS-NEXT dB MIN	RL dB MIN	ELFEXT dB MIN	PS-ELFEXT dB MIN	IMPEDANCE (OHMS)	WP-ACR (dB/100m) MIN	PS-ACR dB/100m MIN
1	2.4	65.3	62.3	20.0	63.8	60.7	100±15	62.9	59.9
4	4.9	56.3	53.3	23.0	51.7	48.7	100±15	51.4	48.4
10	7.8	50.3	47.3	25.0	43.8	40.7	100±15	49.5	39.5
16	9.9	47.3	44.2	25.0	39.7	36.7	100±15	37.4	34.3
20	11.1	45.8	42.8	25.0	37.7	34.7	100±15	34.7	31.7
25	12.5	44.3	41.3	24.3	35.8	32.8	100±15	31.8	28.8
31.25	14.1	42.9	39.9	23.6	33.9	30.8	100±15	28.8	25.8
62.5	20.4	48.4	35.4	21.5	27.8	24.8	100±15	28.0	15.0
100	26.4	35.3	32.3	20.1	23.8	20.7	100±15	8.9	5.9

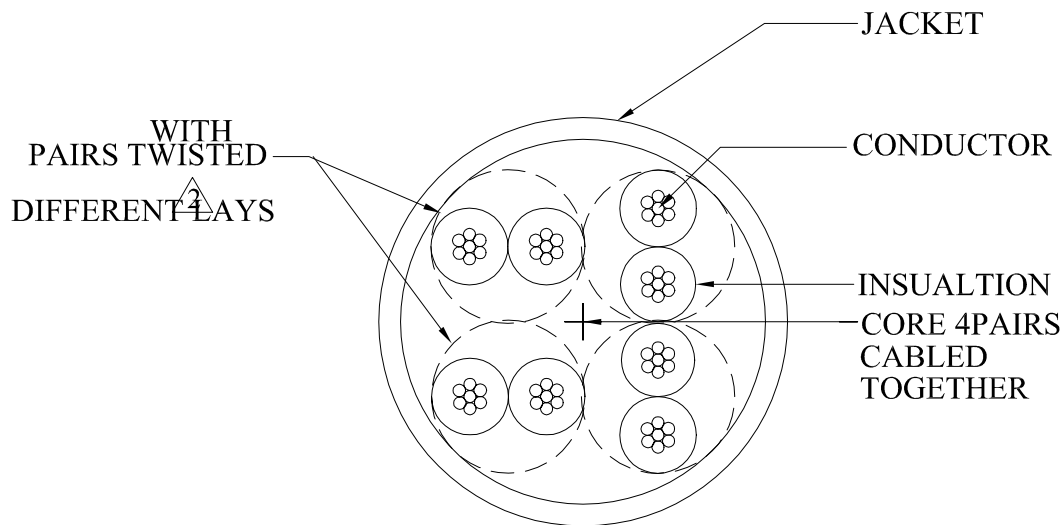
ELECTRICAL STANDARD ACCORDING TO TIA/EIA 568-B.2-1

FINISHED CABLE DATA

CONDUCTORS	WIRE AWG	24 AWG Stranded(7/0.196mm)
	MATERIAL	COPPER
	PLATING	BARE COPPER
INSULATION	MATERIAL	POLYOLEFIN
	THICKNESS	0.96(mm)±0.02mm
JACKET	MATERIAL	PVC
	THICKNESS	5.5±0.2mm
	COLOR	GREY(071)

ELECTRICAL:

- Mutual Capacitance:14pf/ft.nominal
- Capacitance Unbalance:330pf/ft maximum
- Velocity of Propagation:68%



△1 <ww/yy> IS DATE CODE - ww WEEK
yy YEAR

△2 INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE

COLOR CODE

PAIR COLOR CODE (STRIP MARKING)

- 1 WHT/BLU/BLU
- 2 WHT/ORG/ORG
- 3 WHT/GRN/GRN
- 4 WHT/BRN/BRN

PCnet ProNet 65604A 4PAIRS 24AWG UTP PATCH CABLE ETL VERIFIED TIA/EIA-568-B.2 CAT.5e.. (ww/yy)

△1

	CUSTOMER DRAWING			
	MATERIAL	DWN JEFFCHEN		
ITEM	65604A 24AWG*4P UTP CAT.5E		CHK	APVD
DWGNO	PCnet-65604A.DWG	SCALE	SIZE A4	SHEET 1/1 REV 1.0