

CATEGORY 6 PERFORMANCE CHARACTERISTICS

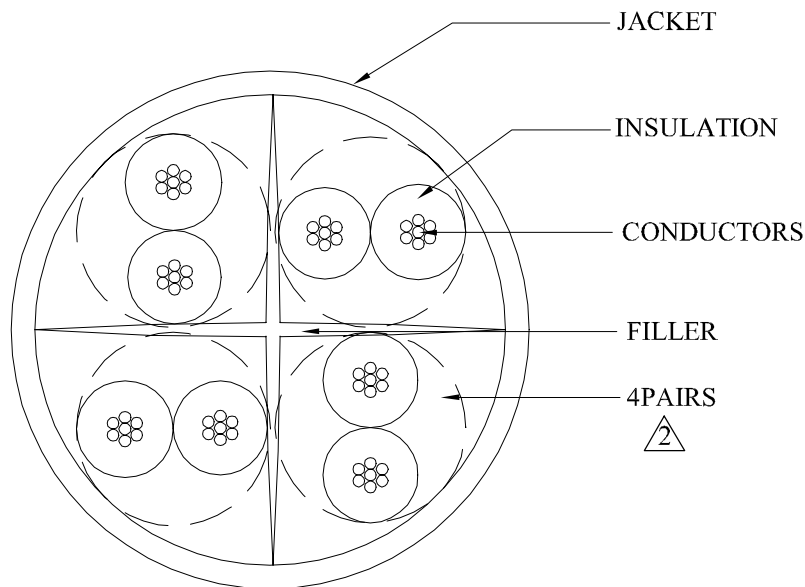
FREQUENCY (MHZ)	ATTENUATION dB/100m MAX.	NEXT DB MIN	PS-NEXT DB MIN	RL DB MIN	SRL DB MIN	ELFEXT DB MIN	PS-ELFEXT DB MIN	IMPEDANCE (OHMS)	PS ACR DB/100m MIN	ACR DB/100m MIN
1	2.4	74.3	72.3	20.0	23	67.8	64.8	100± 15	70.3	72.3
4	4.6	65.3	63.3	23.0	23	55.8	52.8	100± 15	59.5	61.5
10	7.2	59.3	57.3	25.0	23	47.8	44.8	100± 15	51.3	53.3
16	9.1	56.2	54.3	25.0	23	43.7	40.7	100± 15	46.6	48.6
20	10.2	54.8	52.8	25.0	23	41.8	38.8	100± 15	44.3	46.3
31.25	12.8	51.9	49.9	23.6	21.1	37.9	34.9	100± 15	39.2	41.2
62.5	18.5	47.4	45.4	21.5	18.0	31.9	28.9	100± 15	30	32
100	23.8	44.3	42.3	20.1	16.0	27.8	24.8	100± 15	22.5	24.5
200	34.8	39.8	37.8	18	14.0	21.8	18.8	100± 15	8.8	10.8
250	39.4	38.3	36.3	17.3	13.0	19.8	16.8	100± 15	3.5	5.5

FINISHED CABLE DATA		
CONDUCTORS	WIRE AWG	24AWG PATCH (7/0.203mm)
	MATERIAL	COPPER
	PLATING	STRANDED COPPER
INSULATION	MATERIAL	POLYOLEFIN
	THICKNESS	0.98(mm) ± 0.02mm
FILLER	MATERIAL	POLYOLEFIN
	THICKNESS	5.5mm
JACKET	MATERIAL	PVC
	THICKNESS	6.35 ± 0.3mm
	COLOR	GREY(071)

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

ELECTRICAL:

- Mutual Capacitance:5.6nf/100m
- Capacitance Unbalance:330pf/maximum
- Velocity of Propagation:64%
- Delay Skew:45ns/100m



① <ww/yy> DATE CODE - ww WEEK
yy YEAR

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

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

PCnet SupremeNet 250 66604 4PR 24AWG UTP GIGA-PATCH CABLE ETL VERIFIED TIA/EIA 568-B.2-1 CAT.6 250MHZ (ww/yy)



PCNET		CUSTOMER DRAWING			
ITEM	66604 24AWG*4P UTP CAT.6	MATERIAL	DWN	JEFFCHEN	
		FINISHED	CHK	KEN CHIAO	
DWGNO	PC 66604 -CB	SCALE	APVD	JIM FAN	
		SIZE	DIMENSION	NTS	
		SHEET	1/1	REV	1.0