

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	3.0	74.3	72.3	20.0	23.0	67.8	64.8	100±15	69.3	71.3
4	5.6	65.3	63.3	23.0	23.0	55.8	52.8	100±15	57.7	59.7
10	8.9	59.3	57.3	25.0	23.0	47.8	44.8	100±15	48.4	50.4
16	11.3	56.2	54.3	25.0	23.0	43.7	40.7	100±15	44.9	44.9
20	12.7	54.8	52.8	25.0	23.0	41.8	38.8	100±15	40.1	40.1
31.25	16.0	51.9	49.9	23.6	21.1	37.9	34.9	100±15	33.9	33.9
62.5	23.0	47.4	45.4	21.5	18.0	31.9	28.9	100±15	22.4	24.4
100	29.7	44.3	42.3	20.1	16.0	27.8	24.8	100±15	12.6	12.6
200	43.4	39.8	37.8	18.0	14.0	21.8	18.8	100±15	-	-
250	49.2	38.3	36.3	17.3	13.0	19.8	16.8	100±15	-	-

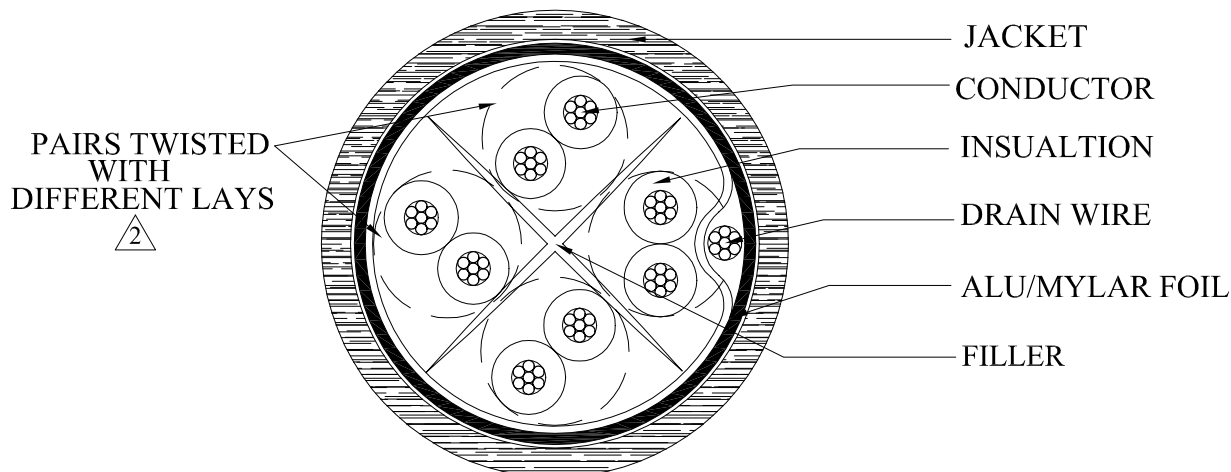
ELECTRICAL STANDARD ACCORDING TO TIA/EIA 568-B.2-1

FINISHED CABLE DATA

CONDUCTORS	WIRE AWG	26AWG PATCH (7/0.163mm)
	MATERIAL	COPPER
	PLATING	BARE COPPER
INSULATION	MATERIAL	POLYOLEFIN
	OVERALL DIAMETER	0.88(mm)±0.02
FILLER	MATERIAL	POLYOLEFIN
DRAIN WIRE	WIRE AWG	26 AWG SOLID (Ø 7/0.16mm)
	MATERIAL	TINNED BARE COPPER
SHIELD	MATERIAL	AL/FOIL POLYESTER BLUE
	MATERIAL	PVC
JACKET	THICKNESS	0.60±0.05mm
	OVERALL DIAMETER	7.5±0.3mm
	COLOR	GREY(071 40P)

ELECTRICAL:

- Mutual Capacitance:4.8nf/100m.nominal
- Capacitance Unbalance:330pf/f 100m maximum
- Velocity of Propagation:Above 60 % *C (1~ 250MHz)



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 (STRIP MARKING)

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



PCNET

CUSTOMER DRAWING

ITEM	66204 26AWG*4P FTP CAT.6	MATERIAL	DWN	JEFFCHEN	
		FINISHED	CHK		
DWGNO	66204 .CB	SCALE	NTS	SIZE	A4
		SHEET	1/1	REV	1.0

PCNET SUISSE 4PR 26AWG FTP PATCH-CORD CAT.6 VERIFIED ISO/IEC 11801-02/2?TIA/EIA-568-B.2-1 <ww/yy>

1