

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	2.0	74.3	72.3	20.0	23	67.8	64.8	100+15	70.3	72.3
4	3.8	65.3	63.3	23.0	23	55.8	52.8	100+15	59.5	61.5
10	6	59.3	57.3	25.0	23	47.8	44.8	100+15	51.3	53.3
16	7.6	56.2	54.3	25.0	23	43.7	40.7	100+15	46.6	48.6
20	8.5	54.8	52.8	25.0	23	41.8	38.8	100+15	44.3	46.3
31.25	10.7	51.9	49.9	23.6	21.1	37.9	34.9	100+15	39.2	41.2
62.5	15.4	47.4	45.4	21.5	18.0	31.9	28.9	100+15	30	32
100	19.8	44.3	42.3	20.1	16.0	27.8	24.8	100+15	22.5	24.5
200	29.0	39.8	37.8	18	14.0	21.8	18.8	100+15	8.8	10.8
250	32.8	38.3	36.3	17.3	13.0	19.8	16.8	100+15	3.5	5.5

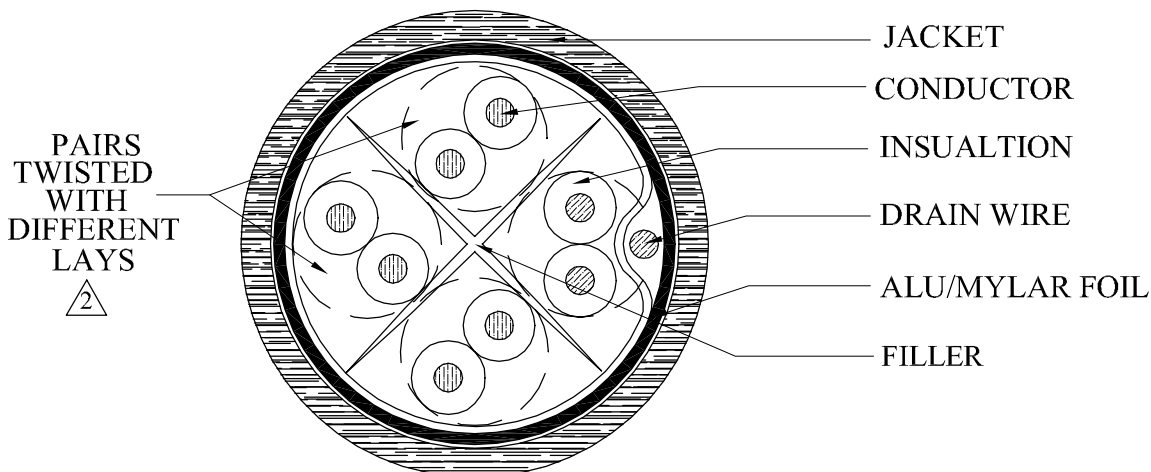
FINISHED CABLE DATA

CONDUCTORS	WIRE AWG	23AWG SOLID (0.57mm +0.03)
	MATERIAL	COPPER
INSULATION	PLATING	BARE COPPER
	MATERIAL	POLYOLEFIN
FILLER	THICKNESS	1.06(mm) ± 0.02mm
	MATERIAL	POLYOLEFIN
JACKET	MATERIAL	PVC
	THICKNESS	6.6 ± 0.3mm

ELECTRICAL:

- Mutual Capacitance:4.8nf/ft.nominal
- Capacitance Unbalance:330pf/ft maximum
- Velocity of Propagation:70%

TESTED ACCORDING TO TIA/EIA 568B.2-1



△ 1 <mm/yy> DATE CODE - mm MONTH yy YEAR

△ 2 COLOR CODE

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

LEGEND TO BE REPEATED EVERY 24"

PCnet SupremeNet 250 66704 4PAIRS 23AWG FTP GIGABIT CABLE VERIFIED TIA/EIA 568B.2-1 CAT.6 250MHZ.. cccccccc FEET <mm/yy>



	CUSTOMER DRAWING			
	MATERIAL	DWN JEFFCHEN		
ITEM	66704 23AWG*4P FTP CAT.6		FINISHED	APVD
DWGNO	SCALE NTS	SIZE A4	SHEET 1/1	REV 1.0