

ANSI/TIA 568-C.2 Category 6

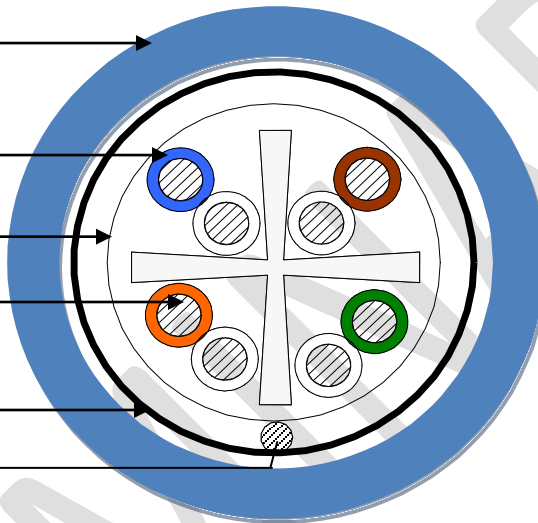
Part Number: VC64S

Screened 4 Twisted Pair Cable (F/UTP)

Plenum: ETL Type CMR, C(ETL)

Twisted Pair Shielded Cable

- Outer Jacket** — PVC
- Pair Insulation** — HDPE
- Polyester Tape**
- Conductor:** — 23 AWG Solid Copper
- Aluminum Tape**
- Drain Wire** — 24 AWG Solid Tinned Copper



Pair Identification

Pair 1	Blue/White
Pair 2	Orange/White
Pair 3	Green/White
Pair 4	Brown/White

Mechanical Specification

Nominal Jacket OD	0.288"
Cable Weight	34.10 lbs/1000 ft
Jacket Thickness	0.020"
Installation Temperature 0°C to 60°C	
Operation Temperature -20°C to 60°C	

Available Packaging: Reel

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Electrical Performance

Freq. MHz	IL	NEXT	ACR	PSNEXT	PSACR	ACRF	PSACRF	RL	TCL	ELTCTL
	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0	40.0	35.0
4	3.8	65.3	61.5	63.3	59.5	55.8	52.8	23.0	40.0	23.0
8	5.3	60.8	55.4	58.8	53.4	49.7	46.7	24.5	40.0	16.9
10	6.0	59.3	53.3	57.3	51.3	47.8	44.8	25.0	40.0	15.0
16	7.6	56.2	48.7	54.2	46.7	43.7	40.7	25.0	38.0	10.9
20	8.5	54.8	46.3	52.8	44.3	41.8	38.8	25.0	37.0	9.0
25	9.5	53.3	43.8	51.3	41.8	39.8	36.8	24.3	36.0	7.0
31.25	10.7	51.9	41.2	49.9	39.2	37.9	34.9	23.6	35.1	
62.5	15.4	47.4	32.0	45.4	30.0	31.9	28.9	21.5	32.0	
100	19.8	44.3	24.5	42.3	22.5	27.8	24.8	20.1	30.0	
155	25.2	41.4	16.3	39.4	14.3	24.0	21.0	18.8	28.1	
200	29.0	39.8	10.8	37.8	8.8	21.8	18.8	18.0	27.0	
250	32.8	38.3	5.5	36.3	3.5	19.8	16.8	17.3	26.0	

(All tests include swept frequency measurements)

Input Impedance	100 ohms
Mutual Capacitance	5.6 nF/100m Max
DC Resistance/Unbalance	9.38 ohms/100m Max/ 5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Propagation Delay Skew	≤ 45ns/100m
Nominal Velocity of Propagation, NVP	69%