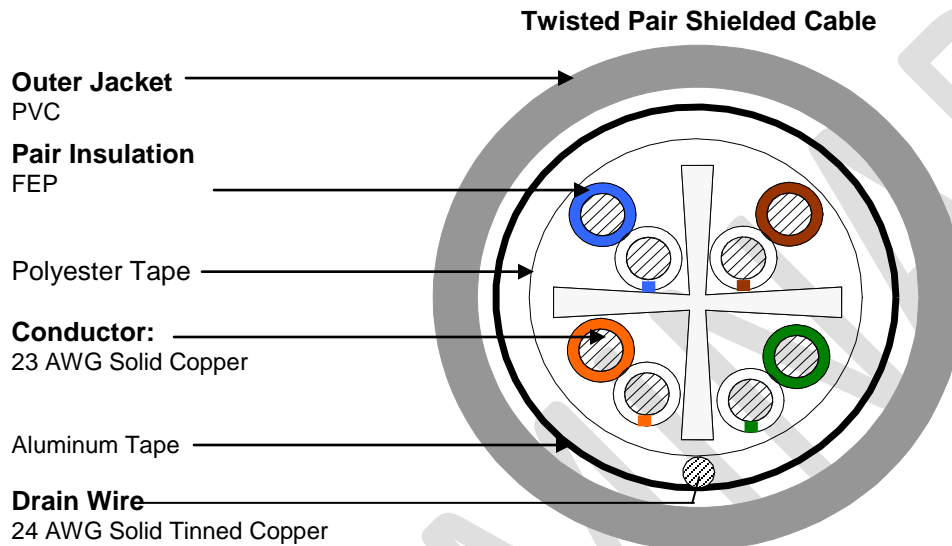


ANSI/TIA 568-C.2 Category 6

Part Number: VPC64S

Screened 4 Twisted Pair Cable (F/UTP)

Plenum: ETL Type CMP, C(ETL)



Pair Identification

Pair 1	Blue/White w/Co-Extruded Blue Stripe on White Single
Pair 2	Orange/White w/Co-Extruded Orange Stripe on White Single
Pair 3	Green/White w/Co-Extruded Green Stripe on White Single
Pair 4	Brown/White w/Co-Extruded Brown Stripe on White Single

Mechanical Specification

Nominal Jacket OD	0.277"
Cable Weight	38.2 lbs/1000 ft
Jacket Thickness	0.018"
Installation Temperature 0°C to 60°C	
Operation Temperature -20°C to 60°C	

Available Packaging: Reel

ANSI/TIA 568-C.2 Category 6

Part Number: VPC64S

Screened 4 Twisted Pair Cable (F/UTP)

Plenum: ETL Type CMP, C(ETL)

Electrical Performance

Frequency	NEXT Min (dB/100m)		RL Min (dB/100m)		IL Max (dB/100m)		ACR Min (dB/100m)		PSACR (dB/100m)		PSNEXT Min (dB/100m)		ACRF Min (dB/100m)		PSACRF Min (dB/100m)	
	Std	Typ	Std	Typ	Std	Typ	Std	Typ	Std	Typ	Std	Typ	Std	Typ	Std	Typ
1	74.3	86.5	20.0	33.7	2.0	1.9	72.3	84.6	70.3	82.5	72.3	84.3	67.8	91.7	64.8	89.5
4	65.3	80.7	23.0	36.1	3.8	3.6	61.5	77.1	59.5	74.8	63.3	78.3	55.8	81.2	52.8	78.9
8	60.8	76.5	24.5	37.2	5.3	5.1	55.4	71.4	53.4	69.0	58.8	74.1	49.7	75.2	46.7	73.0
10	59.3	74.2	25.0	37.8	6.0	5.7	53.3	68.5	51.3	66.1	57.3	71.7	47.8	73.5	44.8	71.2
16	56.2	71.1	25.0	39.5	7.6	7.2	48.7	63.9	46.7	61.6	54.2	68.8	43.7	69.3	40.7	67.0
20	54.8	70.2	25.0	40.1	8.5	8.1	46.3	62.2	44.3	59.6	52.8	67.7	41.8	67.4	38.8	65.1
25	53.3	68.4	24.3	39.2	9.5	9.0	43.8	59.4	41.8	56.8	51.3	65.9	39.8	65.4	36.8	63.1
31.25	51.9	66.7	23.6	37.5	10.7	10.1	41.2	56.6	39.2	54.2	49.9	64.3	37.9	63.5	34.9	61.2
62.5	47.4	62.0	21.5	33.2	15.4	14.4	32.0	47.6	30.0	45.1	45.4	59.5	31.9	57.2	28.9	54.9
100	44.3	58.9	20.1	29.6	19.8	18.3	24.5	40.6	22.5	38.0	42.3	56.4	27.8	53.2	24.8	51.0
155	41.4	55.5	18.8	27.5	25.2	23.0	16.3	32.5	14.3	31.2	39.4	54.2	24.0	49.5	21.0	47.1
200	39.8	52.8	18.0	27.3	29.0	26.3	10.8	26.5	8.8	24.2	37.8	50.5	21.8	46.4	18.8	44.3
250	38.3	51.5	17.3	26.6	32.8	29.6	5.5	22.0	3.5	19.6	36.3	49.1	19.8	44.4	16.8	42.2
300	-	50.4	-	26.3	-	32.5	-	17.9	-	15.6	-	48.1	-	43.3	-	40.9
350	-	48.7	-	26.8	-	35.3	-	13.4	-	11.2	-	46.5	-	41.4	-	39.0
400	-	47.2	-	27.5	-	37.9	-	9.2	-	6.9	-	44.8	-	40.0	-	37.7
450	-	46.5	-	28.3	-	40.4	-	6.1	-	3.8	-	44.2	-	39.1	-	36.9
500	-	45.1	-	27.8	-	42.8	-	2.4	-	0.2	-	42.9	-	38.0	-	35.8
550	-	44.9	-	27.4	-	43.0	-	1.9	-	-0.1	-	42.9	-	38.1	-	35.7
650	-	37.6	-	22.3	-	49.4	-	-11.8	-	-13.0	-	36.4	-	34.1	-	31.7

(All tests include swept frequency measurements)
 (Typ – Typical average values)

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	71%

