

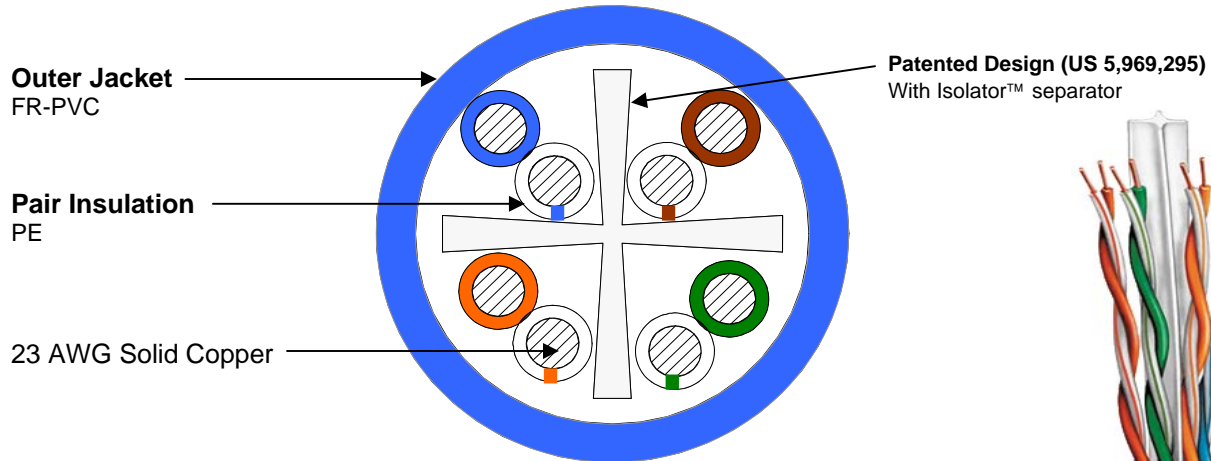
ANSI/TIA/EIA-568 Category 6

ISO/IEC 11801

Part Number: VC64B

Non-Plenum: ETL Type CMR C(ETL) CMG

4 Twisted Pair Cable



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

Mechanical Specification	Non-Plenum
Nominal Jacket OD	0.230"
Nominal Jacket Thickness	0.022"
Jacket Minimum Spot Thickness	0.018"
Installation Temperature	0°C to 60°C
Operation Temperature	-20°C to 60°C

Available Packaging: CommPak
Available Colors: White, Blue, Gray



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Electrical Performance

Frequency MHz	Attenuation (dB/100m)	Near End Cross Talk (dB)	ACR (dB/100m) Min	Power Sum (dB)			ELFEXT (dB/100m) Min	RL (dB) Min
				NEXT Min	ELFEXT Min	ACR Min		
1.0	2.0	75.3	72.3	72.3	64.8	70.3	67.8	20.0
4.0	3.8	66.3	61.5	63.3	52.8	59.5	55.8	23.0
8.0	5.3	61.8	55.4	58.8	46.7	53.4	49.7	24.5
10.0	6.0	60.3	53.3	57.3	44.8	51.3	47.8	25.0
16.0	7.6	57.3	48.7	54.2	40.7	46.7	43.7	25.0
20.0	8.5	55.8	46.3	52.8	38.8	44.3	41.8	25.0
25.0	9.5	54.3	43.8	51.3	36.8	41.8	39.8	24.3
31.25	10.7	52.9	41.2	49.9	34.9	39.2	37.9	23.6
62.5	15.4	48.4	32.0	45.4	28.9	30.0	31.9	21.5
100.0	19.8	45.3	24.5	42.3	24.8	22.5	27.8	20.1
155.0	25.2	42.5	16.2	39.4	21.0	14.2	24.0	18.8
200.0	29.0	40.8	10.7	37.8	18.8	8.7	21.8	18.0
250.0	32.8	39.3	5.4	36.3	16.8	3.4	19.8	17.3

(All tests include swept frequency measurements)

Capacitance	4.6 nF/100m nominal
DC Resistance/Unbalance	6.66 ohms/100m Max/ 2.5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Propagation Delay	4.59nSec/m Max @ 10MHz
Propagation Delay Skew	≤ 45ns/100m
Nominal Velocity of Propagation, NVP	70%

