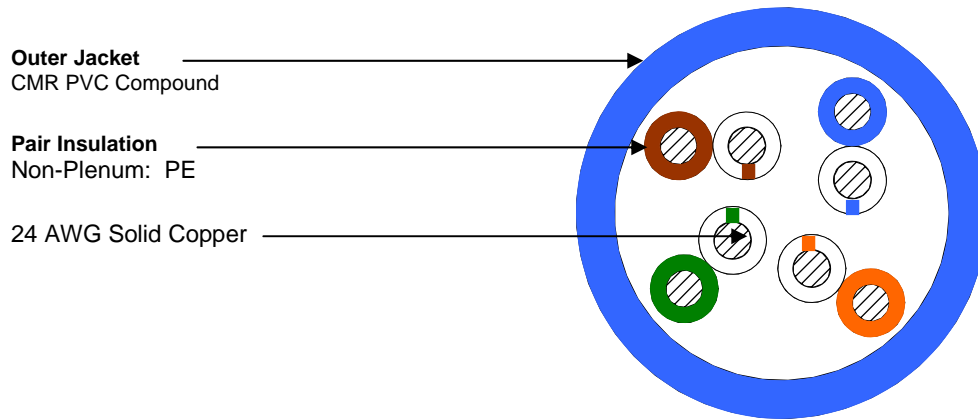


Category 5e 350 MHz
ISO/IEC 11801
4 Twisted Pair Cable
Part # VC5E
Non-Plenum: ETL Type CMR, C(ETL) CMG

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

Non-Plenum

Nominal Jacket OD	0.212"
Nominal Jacket Thickness	0.022"
Jacket Minimum Spot Thickness	0.020"
Installation Temperature 0°C to 60°C	
Operation Temperature -20°C to 60°C	

Available Packaging: ComPak

Available Colors: Gray, White, Blue, Yellow, Green, Orange, Violet, Red



P.O. Box 520
 2620 Heart Drive
 Claremont, NC 28610
 Phone: (828) 464-4419
 Toll Free: (866) 366-5151
 Fax: (828) 464-0287
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Category 5e 350 MHz
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Electrical Performance

Frequency MHz	Attenuation (dB/100m) Max	Pair to Pair		Return Loss (dB) Min	ACR (dB) Min	Power Sum		
		NEXT (dB) Min	ELFEXT (dB/100m) Min			NEXT (dB) Min	ELFEXT (dB/100m) Min	ACR (dB) Min
.772	1.8	67.0	66.0	NA	65.2	64.0	63.0	62.0
1.0	2.0	65.3	63.8	20.0	63.3	62.3	60.8	60.3
4.0	4.0	56.3	51.7	23.0	52.2	53.3	48.7	49.2
8.0	5.8	51.8	45.7	24.5	46.0	48.8	42.7	44.0
10.0	6.5	50.3	43.8	25.0	43.8	47.3	40.8	40.8
16.0	8.2	47.3	39.9	25.0	39.0	44.3	36.7	36.0
20.0	9.2	45.8	37.7	25.0	36.5	42.8	34.7	33.5
25.0	10.4	44.3	35.8	24.3	33.9	41.3	32.8	30.9
31.25	11.7	42.9	33.9	23.6	31.2	39.9	30.9	28.2
62.5	17.0	38.4	27.8	21.5	21.4	35.4	24.8	18.4
100.0	22.0	35.3	23.8	20.1	13.3	32.3	20.8	10.3
155.0	28.1	29.5	19.9	18.8	1.4	29.5	16.9	1.4
200.0	32.4	27.8	17.7	18.0	NS	27.8	14.7	NS
300.0	41.0	25.2	14.2	16.8	NS	25.2	11.2	NS
350.0	44.9	24.2	12.9	16.3	NS	24.2	9.9	NS

(All tests include swept frequency measurements)

Characteristic Impedance	100 Ohms \pm 15%
Capacitance	17 pf/ft nominal
DC Resistance/Unbalance	28.6 ohms/1000' Max/5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Nom. Velocity of Propagation	PE = 66%
Maximum Skew	35ns @ 100 meters