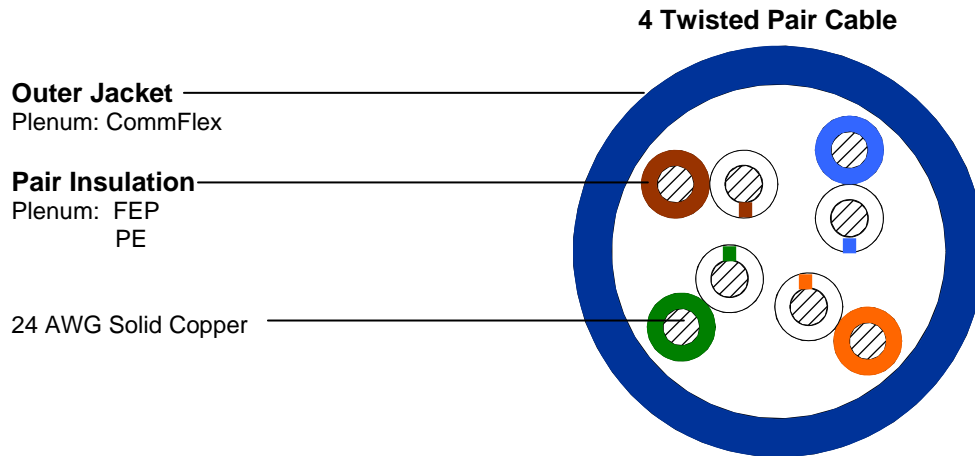


### Cat 5e 350 MHz

#### 4 Twisted Pair Cable

#### VPC5E

#### Plenum: ETL Type CMP,C(ETL)CMP



#### 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

#### Plenum

Nominal Jacket OD	0.175"
Nominal Jacket Thickness	0.016"
Jacket Minimum Spot Thickness	0.012"
Installation Temperature 0°C to 60°C	
Operation Temperature -20°C to 60°C	

**Available Packaging: Compak**  
**Available Colors: Blue, White**

**Cat 5e 350 MHz**  
**4 Twisted Pair Cable**  
**VPC5E**  
**Plenum: ETL Type CMP,C(ETL)CMP**

**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	4.1	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	43.0
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	32.5	19.9	18.8	4.4	29.5	16.9	1.4
200.0	32.4	30.8	17.7	18.0	NS	27.8	14.7	NS
300.0	41.00	32.3	17.2	16.8	NS	28.2	14.2	NS
350.0	44.9	30.2	15.9	16.3	NS	27.2	12.9	NS

(All tests include swept frequency measurements)  
 (Values above 200 MHz are for information purposes only)

Characteristic Impedance	100 ohms $\pm$ 15%
Capacitance	14 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	74%
Maximum Skew	15ns @ 100 meters

