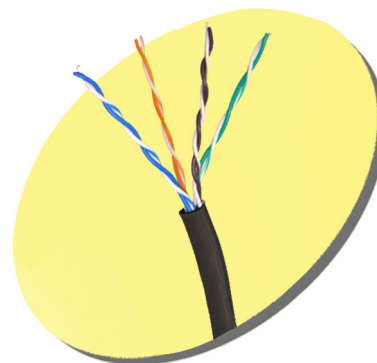
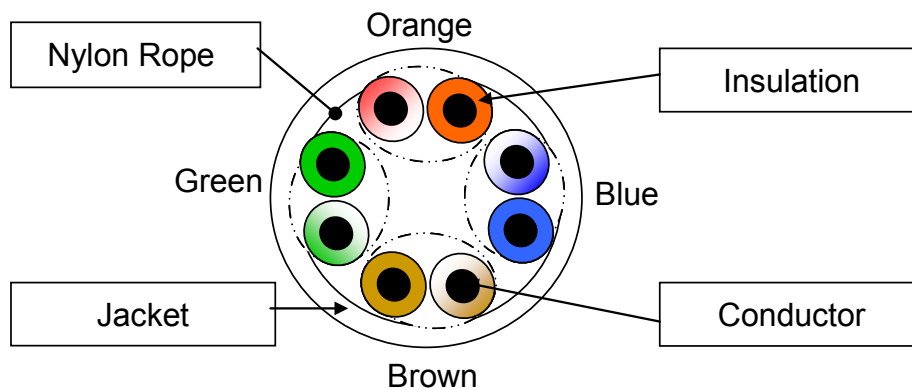


RP-CAT5E00**Cat.5 UTP/4P/24AWG Solid Outdoor Cable****Feature**

- UL 444 & CSA-C22.2 No.214: Type CMX outdoor, 24AWG x 4P
- ANSI/TIA-568-C.2 : Horizontal Cable (Solid Conductor)

Specification

Conductor	<ul style="list-style-type: none"> • Solid Bare copper (1 x AWG24)
Insulation	<ul style="list-style-type: none"> • HDPE(CMI-75E) • Min. Avg. Thickness: 0.178mm; • Min. Thickness: 0.153mm
Color Code	<ul style="list-style-type: none"> • Pair 1: Blue & White/Blue • Pair 2: Orange & White/Orange • Pair 3: Green & White/Green • Pair 4: Brown & White/Brown
Jacket	<ul style="list-style-type: none"> • 75°C PVC CMX outdoor Compound (CMI-800) • Min. Avg. Thickness: 0.578 mm; • Min. Thickness: 0.458 mm • Approximate Overall diameter: 6.5 mm +/- 0.3mm
Electric Requirements (Cable length: 100M)	<ul style="list-style-type: none"> • Characteristic Impedance(Z_0): 85~115Ω (1~100 MHz) • DC. Resistance Capacitance Unbalance: 5% • Pair-to-Ground Capacitance Unbalance: 330 pF/100M Max • Conductor Resistance: 9.38Ω/ 100M 20°C Max • Mutual Capacitance: 5600 pF/100 m Max • Spark Test: 2.5KV • Nominal Velocity of Propagation (NVP): 69 %



Frequency MHz	Att. Solid	Pr-Pr NEXT	PS NEXT	Prop. Delay ns	Delay Skew ns	Return Loss	Pr-Pr ELFEXT	PS ELFEXT
1	2.0	65.3	62.3	538.5	45	20.0	63.8	60.8
10	5.9	50.3	47.3	545.0	45	25.0	43.8	40.8
16	8.0	47.3	44.4	539.9	45	25.0	39.7	36.7
20	9.2	45.8	42.8	540.2	45	25.0	37.7	34.7
25	10.6	44.4	41.3	540.8	45	24.3	35.8	32.8
31.25	11.7	42.9	39.9	541.4	45	23.6	33.9	30.9
62.5	17.0	38.4	35.4	542.5	45	21.5	27.8	24.8
100	22.0	35.3	32.3	543.0	45	20.1	23.8	20.8

Ordering information

RP-CAT5E00 Cat.5e UTP 4P 24AWG Solid cable in PVC Outdoor jacket