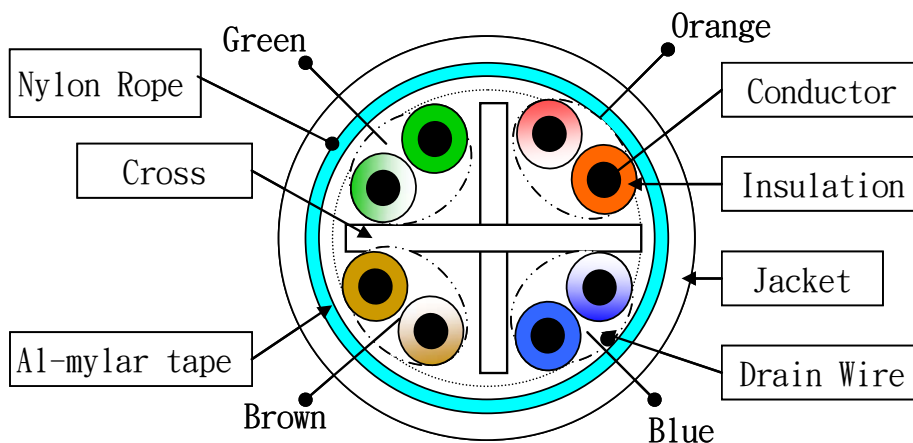


>> RP-CAT6RF
Cat.6 FTP/4P/24AWG Solid Cable

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: 0.201mm; • Min. Thickness: 0.175mm
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
Shield	<ul style="list-style-type: none"> • Drain wire(tinned copper conductor) and aluminum-mylar tape
Jacket	<ul style="list-style-type: none"> • 75°C PVC Compound (CMI-80S) • Min. Avg. Thickness: 0.585 mm; • Min. Thickness: 0.458 mm • Approximate O.D.: 6.5 mm +/- 0.3mm
Electric Requirements (Cable length: 100M)	<ul style="list-style-type: none"> • Characteristic Impedance(Z_0): 85~115Ω (1~250 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: 5.6 nF/m Max • Spark Test: 2.5KV • Nominal Velocity of Propagation (NVP): 70 %



Frequency MHz	Att. Solid	Pr-Pr NEXT	PS NEXT	Prop. Delay ns	Delay Skew ns	Return Loss	Pr-Pr ELFEXT	PS ELFEXT
1	2.8	74.3	72.3	570	45	20.0	67.8	64.8
10	6.5	59.3	57.3	545	45	25.0	47.8	44.8
20	8.5	54.8	52.8	542	45	25.0	41.8	38.8
31.25	10.7	51.9	49.9	540.4	45	23.6	37.9	34.9
62.5	15.4	47.4	45.4	538.6	45	21.5	31.9	28.9
100	19.8	44.3	42.3	537.6	45	20.1	27.8	24.8
200	29.0	39.8	37.8	536.5	45	18.0	21.8	18.8
250	32.8	38.3	36.3	536.3	45	17.3	19.8	16.8

ORDERING INFORMATION

RP-CAT6RF Cat.6 FTP/4P/24AWG Solid Cable