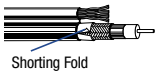
Composite Data, Audio, Video, Security and Control Cables

Siamese Cables

Category 5e and Category 5

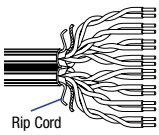
RESIDENTIAL

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Color Code	Nominal Insulation OD inch	Nominal Insulation OD mm	Component	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Core OD inch	Core OD mm
Composite • **(1) Cat 5e** 4-Bonded-Pair UTP 24 AWG • **(1) Series 6 Coax** with **Duobond® Plus** Bonded Tri-Shield																
Polyolefin Insulation (Pairs) • Gas-Injected FPE Insulation (Coax) • Overall Green F-R PVC Jacket																
	7911A	NEC: CMR CEC: CMG FT4	500 1000	152 305	35.1 60.0	15.9 27.2		0.275 x 0.529	6.99 x 13.44	1 x Data	4-Pair UTP Bonded-Pairs 24 AWG 0.5 mm Solid BC	Unshielded	Polyolefin	F-R PVC (1) Green	0.200	5.08
										1 x Coax	Series 6 18 AWG 1.0 mm Solid BC	Duobond® Plus + 77% AL Braid + AL Foil w/shorting fold	Gas-Injected Foam Polyethylene	F-R PVC (1) Green	0.275	6.99
											Third party verified to TIA/EIA-568-B.2, Category 5e Coax sweep tested to 3.0 GHz and jacket sequentially marked. Coax shield effectiveness 125 dB @ 1 GHz is better than quad shield.					
Composite • **(1) Cat 5** 4-Pair UTP 24 AW**G** • **(4) 14 AWG** (19x27) 1.85 mm Bare Copper Conductors																
Polyolefin Insulation (Pairs) • PVC Insulation (Conductors) • Overall Green F-R PVC Jacket																
	7952A	NEC: CMR CEC: CMG FT4	500	152	58.0	26.3		0.289 x 0.535	7.34 x 13.59	1 x Data	4-Pair UTP 24 AWG 0.5 mm Solid BC	Unshielded	Polyolefin	F-R PVC (1) Blue	0.216	5.49
										4 x CDR 4 x 1.93 mm²	Series 6 14 AWG 1.85 mm (19x27) BC	Unshielded	PVC Red White Green Black	–	0.104	2.64
											Third party verified to TIA/EIA-568-B.2, Category 5 Jacket sequentially marked.					



Siamese Construction

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Freq. MHz	Max. Atten. dB/100 m	Min. PSUM NEXT dB	Min. PSUM ACR dB/100 m	Min. PSUM ELFEXT dB/100 m	Input Imp. (Ω)	Min. RL dB
Cat 5e • 24 AWG • Unbonded-Pairs • Solid 0.5 mm BC • Overall **Beldfoil®** Shield • Rip Cord • **24 AWG TC Drain Wire • Overall TC Braid**																			
Polyolefin Insulation • PVC Grey Jacket																			
	1668ES	B-164	B-50	10.6	4.8	0.51 mm	0.043	1.10	Non-	0.248	6.30	1	2.1	62.0	60.2	61.0	100 ± 15	20.0
		1000	305	64.4	29.2	24 AWG			Bonded-Pair			4	4.0	53.0	49.3	49.0	100 ± 15	23.0
		1640	500	105.8	48.0	Solid BC			Overall Beldfoil®			8	5.7	49.0	43.1	43.0	100 ± 15	24.5
									+ Drain Wire			10	6.3	47.0	41.0	41.0	100 ± 15	25.0
									(24 AWG TC)			16	8.0	44.0	36.2	37.0	100 ± 15	25.0
									+ Overall			20	9.0	43.0	33.8	35.0	100 ± 15	25.0
									TC Braid			25	10.1	41.0	31.2	33.0	100 ± 15	24.3
									SF/UTP			31.25	11.4	40.0	28.5	31.0	100 ± 15	23.6
												62.5	16.5	35.0	18.8	25.0	100 ± 15	21.5
												100	21.3	32.0	11.0	21.0	100 ± 15	20.1
									Color Code: see chart below Applicable industry standards: EN 50173, ISO/IEC 11801										



8-Pair, Twin

TC = Tinned Copper • BC = Bare Copper • AL = Aluminum • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • DCR = DC resistance

Duobond® Plus see technical information page 23.13.

Color Code

Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown