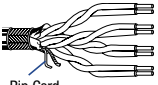


DataTwist® 5e SF/UTP Cables

EN 50173, ISO/IEC 11801, Class D, Category 5e,
Non-Bonded-Pair Cables

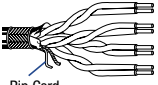
De-scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		

Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG TC Drain Wire • Overall TC Braid • Rip Cord

Polyolefin Insulation • Grey PVC Jacket																		
 Rip Cord 4-Pair Braided 1633E	1633ES	B-328	B-100	10.6	4.8	0.51 mm 24 AWG Solid BC	0.041	1.05	Non-Bonded-Pair Overall Beldfoil® + Drain Wire (24 AWG TC) + Overall TC Braid SF/UTP	0.248	6.30	1	2.1	62.0	60.2	61.0	100 ± 15	20.0
		1000	305	32.2	14.6					4	4.0		53.0	49.3	49.0	100 ± 15	23.0	
		1640	500	52.9	24.0					8	5.7		49.0	43.1	43.0	100 ± 15	24.5	
		3280	1000	105.8	48.0					10	6.3		47.0	41.0	41.0	100 ± 15	25.0	
										16	8.0		44.0	36.2	37.0	100 ± 15	25.0	
										20	9.0		43.0	33.8	35.0	100 ± 15	25.0	
				25	10.1	41.0	31.2	33.0	100 ± 15	24.3								
				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

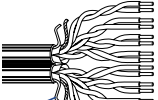
Polyolefin Insulation • Grey FRNC/LSNH Jacket

 Rip Cord 4-Pair Braided 1633ENH	1633ENS	1640	500	52.9	24.0	0.51 mm 24 AWG Solid BC	0.041	1.05	Non-Bonded-Pair Overall Beldfoil® + Drain Wire (24 AWG TC) + Overall TC Braid SF/UTP	0.248	6.30	see above						
		Color Code: see chart below								Burning Energy: 505 kJ/m								

Color Code: see chart below

Burning Energy: 505 kJ/m

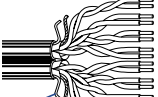
Polyolefin Insulation • Grey PVC Jacket

 Rip Cord 8-Pair, Twin	1668ES	B-164	B-50	10.6	4.8	0.51 mm 24 AWG Solid BC	0.041	1.05	Non-Bonded-Pair Overall Beldfoil® + Drain Wire (24 AWG TC) + Overall TC Braid SF/UTP	0.543	13.80	see above						
		1000	305	64.4	29.2													
		1640	500	105.8	48.0													
		Color Code: see chart below								Burning Energy: 1010 kJ/m								

Color Code: see chart below

Burning Energy: 1010 kJ/m

Polyolefin Insulation • FRNC/LSNH Jacket (Grey and Blue)

 Rip Cord 8-Pair, Twin	1668ENS	1640	500	105.8	48.0	0.51 mm 24 AWG Solid BC	0.041	1.05	Non-Bonded-Pair Overall Beldfoil® + Drain Wire (24 AWG TC) + Overall TC Braid SF/UTP	0.543	13.80	see above						
		Color Code: see chart below								Burning Energy: 1010 kJ/m								

Color Code: see chart below

Burning Energy: 1010 kJ/m

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

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