

## Networking Cables

### DataTwist® 5e ScTP, Low-Smoke Zero-Halogen

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			ACR dB/100m	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		
<b>Cat 5e • 24 AWG • Twisted Pairs • Solid 0.5 mm BC • Overall Beldfoil® Shield • RJ-45 Compatible • 24 AWG TC Drain Wire • 100 Ohm ± 15 %</b>																			
<b>Polypropylene Insulation (Color Code: see chart below) • Black FRNC/LSNH Jacket</b>																			
105°C	1300SB	NEC: CEC: CMG-LS FT4 Limited Smoke	1000	305	35.1	15.9	0.51 mm 24 AWG Solid BC	0.042	1.07	Non- Bonded-Pair Unshielded Overall Beldfoil® + Drain Wire (24 AWG TC)	0.260	6.60	1 4 8 10 16 20 25 31.25 62.5 100	2.0 4.1 5.8 6.5 8.2 9.3 10.4 11.7 17.0 22.0	62.3 53.3 48.8 47.3 44.3 42.8 41.3 39.9 35.4 32.3	60.3 49.2 43.0 40.8 36.7 34.7 30.9 28.2 24.8 20.8	60.3 48.7 42.7 40.8 36.7 34.7 30.9 28.2 24.8 20.8	60.3 49.2 43.0 40.8 36.1 34.7 30.9 28.2 24.8 20.8	20.0 23.0 24.5 25.0 25.0 25.0 24.3 23.6 21.5 20.1
4-Pair		Shield is bonded to jacket inner wall for electrical stability. Jacket sequentially marked at 0.6 m intervals. Third party verified to TIA/EIA-568-B.2, Category 5e																	

BC = Bare Copper • TC = Tinned Copper • ACR = Attenuation Crosstalk Ratio • DCR = DC resistance •  
ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum •  
RL = Return Loss • ScTP = Screened (Overall Foil) Twisted Pair(s)

#### Color Code

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

## Security Composite Cables

### CCTV plus Audio or Pan/Tilt/Zoom CCTV Control Applications Low-Smoke Zero-Halogen

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Color code	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Component OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm
<b>Composite • (1) Series 6 Coax • 2 Conductor (Audio) stranded</b>																
<b>FPE Coax Insulation • Polypropylene Pair Insulation • Black FRNC/LSNH Jacket</b>																
75°C	1306SB	NEC: CEC: CMG-LS FT4 Limited Smoke	500	152	37.0	16.8	Black & Red	0.514	13.06	1xAudio	1-Pair 18 AWG 1.2 mm (7x26) BC	Unshielded	Polypro- pylene	FRNC Black	0.239	6.07
										1xCCTV	Series 6 18 AWG 1.0 mm Solid BC	95% BC Braid	FPE	FRNC Black	0.275	6.99
Coax sweep tested to 2.25 GHz and jacket sequentially marked. Third party verified to TIA/EIA-568-B.2, Category 5e																

BC = Bare Copper • DCR = DC resistance