

Security and Alarm Cables

Commercial Applications Shielded Twisted Pairs



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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

20 AWG • Stranded (7x28) 1.0 mm BC • Twisted Pair • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2						0.96 mm 20 AWG (7x28) BC	0.057	1.45	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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4441FE	2-Pair	328 1640	100 500	7.7 39.0	3.5 17.7						0.236	6.00
4445FE	6-Pair	328 1640	100 500	18.7 93.3	8.5 42.3						0.323	8.20

18 AWG • Stranded (7x26) 1.2 mm BC • Twisted Pair • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Overall Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CM FT4						1.22 mm 18 AWG (7x26) BC	0.058	1.47	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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5341FE	2-Pair	500 U-1000 1000	152 U-305 305	20.9 39.9 42.1	9.5 18.1 19.1						0.270	6.86
5342FE	3-Pair	1000	305	52.0	23.6						0.275	6.99
5343FE	4-Pair	1000	305	70.1	31.8						0.318	8.08
5345FE	6-Pair	500 1000	152 305	52.7 103.2	23.9 46.8						0.373	9.47

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2						1.22 mm 18 AWG (7x26) BC	0.068	1.72	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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4341FE	2-Pair	328 1640	100 500	13.7 68.6	6.2 31.1						0.264	6.70
4342FE	3-Pair	1640	500	82.0	37.2						0.276	7.00
4343FE	4-Pair	1640	500	103.0	46.7						0.319	8.10
4345FE	6-Pair	1640	500	161.6	73.3						0.374	9.50

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance

Color Code

Pair No.	Color
1	Black, Red
2	Black, White
3	Black, Green

Pair No.	Color
4	Black, Blue
5	Black, Yellow
6	Black, Brown