

Fire Alarm Cables

NPLF Systems

Non-Power-Limited Signaling Cable Unshielded and Shielded



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	
16 AWG • Solid 1.3 mm Bare Copper • Numbered and Color Coded • Beldfoil® Shield • 20 AWG Tinned Copper Drain Wire • Rip Cord													
PVC/Nylon Insulation • Red PVC Jacket													
150V 75°C		NEC: NPLF					1.29 mm 16 AWG Solid BC	0.072	1.82	Overall Beldfoil® + Drain Wire (20 AWG TC)			
<p>Shorting Fold</p>													
	5220FN	2 CDR	500 1000	152 305	23.6 45.2	10.7 20.5					0.266	6.76	Black, Red
	5222FN	4 CDR	500 1000	152 305	40.6 76.1	18.4 34.5					0.315	8.00	Black, Red, Brown, Blue
14 AWG • Solid 1.6 mm Bare Copper • Numbered and Color Coded • Beldfoil® Shield • 20 AWG Tinned Copper Drain Wire • Rip Cord													
PVC/Nylon Insulation • Red PVC Jacket													
150V 75°C		NEC: NPLF					1.63 mm 14 AWG Solid BC	0.085	2.16	Overall Beldfoil® + Drain Wire (20 AWG TC)			
<p>Shorting Fold</p>													
	5120FN	2 CDR	500 1000	152 305	32.0 61.1	14.5 27.7					0.303	7.70	Black, Red
	5122FN	4 CDR	500 1000	152 305	50.7 102.3	23.0 46.4					0.348	8.84	Black, Red, Brown, Blue
12 AWG • Solid 2.1 mm Bare Copper • Numbered and Color Coded • Beldfoil® Shield • 20 AWG Tinned Copper Drain Wire • Rip Cord													
PVC/Nylon Insulation • Red PVC Jacket													
150V 75°C	5020FN	NEC: FPL	500 1000	152 305	43.0 83.1	19.5 37.7	2.05 mm 12 AWG Solid BC	0.102	2.58	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.337	8.56	Black, Red
<p>Shorting Fold</p>													
		2 CDR											

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