

## Fire Alarm

Power-Limited Fire Protective Signaling Circuit Cables  
 Subject 1424 (NEC Article 760, Type FPLR)

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	

**14 AWG** • Solid 1.6 mm Bare Copper • Conductors Cabled

**PVC Insulation • Red PVC Jacket**

300V 105°C UL Style 1424	<b>9580</b>	NEC: FPLR CEC: FAS 105 FT4	U-500 1000	U-152 305	27.1 54.0	12.3 24.5	1.63 mm 14 AWG Solid BC	0.108	2.75	Unshielded	0.306	7.77	Black, Red
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2 CDR

**14 AWG** • Solid 1.6 mm Bare Copper • Conductors Cabled • Overall **Beldfoil®** Shield • 16 AWG Tinned Copper Drain Wire

**PVC Insulation • Red PVC Jacket**

300V 105°C UL Style 1424	<b>9581</b>	NEC: FPLR CEC: FAS 105 FT4	U-500 1000	U-152 305	32.4 65.0	14.7 29.5	1.63 mm 14 AWG Solid BC	0.108	2.75	Overall Beldfoil® + Drain Wire (16 AWG TC)	0.306	7.77	Black, Red
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2 CDR

**12 AWG** • Solid 2.1 mm Bare Copper • Conductors Cabled

**PVC Insulation • Red PVC Jacket**

300V 105°C UL Style 1424	<b>9582</b>	NEC: FPLR CEC: FAS 105 FT4	1000	305	75.2	34.1	2.05 mm 12 AWG Solid BC	0.125	3.17	Unshielded	0.340	8.64	Black, Red
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2 CDR

**12 AWG** • Solid 2.1 mm Bare Copper • Conductors Cabled • Overall **Beldfoil®** Shield • 16 AWG Tinned Copper Drain Wire

**PVC Insulation • Red PVC Jacket**

300V 105°C UL Style 1424	<b>9583</b>	NEC: FPLR CEC: FAS 105 FT4	1000	305	85.1	38.6	2.05 mm 12 AWG Solid BC	0.125	3.17	Overall Beldfoil® + Drain Wire (16 AWG TC)	0.343	8.71	Black, Red
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2 CDR

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