

Hook-Up Wire

3000/600 V, XLPE



MIL-DTL-16878/4 (Type D)
(3000 V)

UL AWM 3271 (600 V) VW-1
CSA CL 1251 XLPE (600 V)

Operating Temperature

- -55°C to +105°C (MIL)
- -55°C to +125°C (UL, CSA)

Materials

- Stranded tinned copper conductor
- Cross-linked polyolefin insulation

Availability

100 ft (30.5 m)
1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter	
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm
7044	18	0.81	16/30	16 x 0.25	0.032	0.81	0.111	2.82
7045	16	1.32	26/30	26 x 0.25	0.032	0.81	0.119	3.02
7046	14	2.08	41/30	41 x 0.25	0.032	0.81	0.138	3.51
7047	12	3.29	65/30	65 x 0.25	0.032	0.81	0.155	3.94
7048	10	5.32	105/30	105 x 0.25	0.032	0.81	0.184	4.67

Insulation Colors

White
Black
Red

1000/300 V, XLPE

MIL-DTL-16878/2 (Type C)
(1000 V)

UL AWM 3266 (300 V) VW-1
CSA CL 1252 XLPE (300 V)

Operating Temperature

- -55°C to +105°C (MIL)
- -55°C to +125°C (UL, CSA)

Materials

- Stranded tinned copper conductor
- Cross-linked polyolefin insulation

Availability

100 ft (30.5 m)
1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter	
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm
7024	22	0.38	19/34	19 x 0.16	0.016	0.41	0.064	1.63
7025	20	0.62	19/32	19 x 0.20	0.016	0.41	0.072	1.83
7026	18	0.96	19/30	19 x 0.25	0.016	0.41	0.080	2.03

Insulation Colors

White
Black
Red

