



Overview

Finely stranded bare copper conductors cabled with a non-woven polyester wrap, clear mylar and an oil/sunlight resistant black TPE overall jacket. Used in machine tool machinery, food & beverage, processing equipment, automotive and machine wiring.



14 AWG (41/30) 2.08mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
• SF-1404-BK01	4	0.380	9.7	97	Black
• SF-1405-BK01	5	0.405	10.3	124	Black
12 AWG (65/30) 3.31mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
• SF-1204-BK01	4	0.422	10.7	136	Black
SF-1205-BK01	5	0.484	12.3	173	Black
10 AWG (104/30) 5.26mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
• SF-1004-BK01	4	0.539	13.7	220	Black
8 AWG (168/30) 8.36mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
• SF-0804-BK01	4	0.666	16.9	343	Black
6 AWG (266/30) 13.30mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
• SF-0604-BK01	4	0.750	19.0	501	Black
4 AWG (420/30) 21.15mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
SF-0404-BK01	4	0.973	24.7	825	Black
2 AWG (665/30) 33.60mm ²					
Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
SF-0203-BK01	3	0.995	25.3	915	Black
• SF-0204-BK01	4	1.221	31.0	1,193	Black

• standard stock item

Approvals

- UL:**
 - TPEN/TPE
 - TC-ER, TFFN
 - DRY OIL RES I/II
 - SUN RES
 - DIR BUR
 - FT4/IEEE 1202 or MTW flexing
 - Standard 66, 1277
 - 1581 vertical tray flame test
- CSA:**
 - AWM I/II A/B 105°C W75 1000V (-40°C)
 - FT4 Flame Test
 - c(UL) CIC/TC FT4
- NEC:**
 - Article 336
- RoHS:**
 - Complies with EU Dir. 2011/65/EC (RoHS-2)



Technical Data

Minimum bend radius for installation:
5 x cable diameter

Temperature rating:
-40° C to +90° C

Nominal voltage:
600V RMS max
1,000V TC wind turbine (WTTC)

DC resistance per conductor @ 20° C:
4.18 ohms/ 1M' nominal

Performance:
Over one million continuous rolling flex cycles at a minimum bend radius of 10x cable diameter.

Color code:
Black conductors w/ white ink print; green/yellow ground