

Standard Flex Cable

Grey TPE Jacket



Overview

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

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:

- Blue conductors w/ black ink print; green/yellow ground; #2 white w/ blue stripe
- Black conductors w/ white ink print; green/yellow ground
- Red conductors w/ white ink print; green/yellow ground

16 AWG (26/30) 1.31mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Conductor Color
		in	mm		
• SF-1607-BL09-TPE	7	0.415	10.5	110	Blue
SF-1607-BK09-TPE	7	0.415	10.5	110	Black
SF-1607-RD09-TPE	7	0.415	10.5	110	Red
• SF-1611-BL09-TPE	11	0.510	13.0	163	Blue
SF-1611-RD09-TPE	11	0.510	13.0	163	Red
SF-1612-BK09-TPE	12	0.552	14.0	185	Black
SF-1613-BL09-TPE	13	0.550	14.0	195	Blue
• SF-1619-BL09-TPE	19	0.643	16.3	285	Blue
SF-1619-BK09-TPE	19	0.643	16.3	285	Black
• SF-1625-BL09-TPE	25	0.750	19.0	375	Blue
SF-1625-BK09-TPE	25	0.750	19.0	375	Black
SF-1625-RD09-TPE	25	0.750	19.0	375	Red
• SF-1633-BL09-TPE	33	0.800	20.3	450	Blue
SF-1633-RD09-TPE	33	0.800	20.3	450	Red
• SF-1643-BL09-TPE	43	0.960	24.4	625	Blue
• SF-1649-BL09-TPE	49	1.000	25.4	760	Blue

• standard stock item