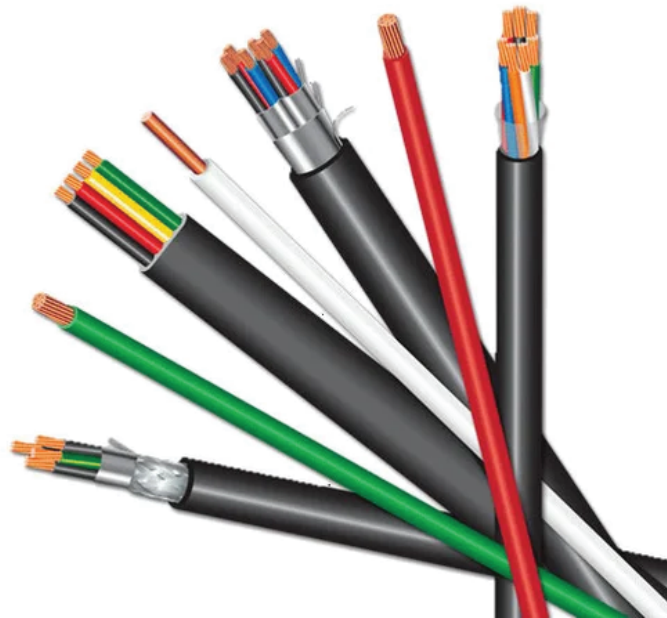




Signal/Control Cables



DATA SHEET

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Foiled & Braid Shielded Signal/Control Cables

Webb signal control cables are multi-conductor cables used in automation and instrumentation applications. They are designed to be flexible to enable hassle-free routing and cabling at any location. The inner structure consists of electrolytic stranded copper conductors insulated in a polypropylene compound making the cable fire resistant and flexible. These are then wrapped by an aluminium tape surrounded by tinned copper braiding for increased protection and strength. The cable is further covered with a PVC sheath.

Specifications

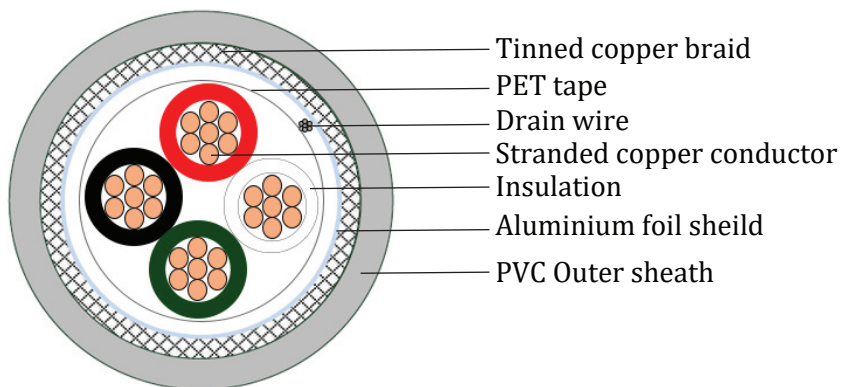
- Conductor: stranded electrolytic copper
- Insulation: polypropylene compound
- Stranding: pair in layers
- 14AWG: 19 strands x 26AWG
- 16AWG: 19 strands x 29AWG
- 18AWG: 7 strands x 26AWG
- 22AWG: 7 strands x 30AWG
- 24AWG: 7 strands x 32AWG
- Tinned copper drain wire
- Screen: Screen: Aluminium foiled, Tinned copper braid and PET tape
- Outer sheath: PVC compound
- Outer sheath colour: Grey
- Operating voltage (U_0/U): 250V - 300V
- Bending radius: 7.5 x D
- Operating temperature: -30 °C to +70 °C
- Conductor resistance (Ω/km):
 - 0.14mm² - 138
 - 0.22mm² - 88
 - 0.34mm² - 56
 - 0.5mm² - 39
 - 0.75mm² - 26
 - 1.0mm² - 19.5
 - 1.5mm² - 13.3
 - 2.5mm² - 7.98

**Specifications are subject to change without notice based on technical recommendations and related product enhancements*

● Mutual capacity (nF/km):

- 0.14mm² - 110
- 0.22mm² - 110
- 0.34mm² - 110
- 0.5mm² - 120
- 0.75mm² - 120
- 1.0mm² - 130
- 1.5mm² - 140
- 2.5mm² - 150

Inner structure



4 core 18AWG (7 strands x 26AWG) braid and foil shielded cable

**Specifications are subject to change without notice based on technical recommendations and related product enhancements*

SIGNAL/CONTROL CABLES PART NUMBER KEY

Part Number: T.04.CC._ _ _ _ _

T.04.CC.Cores.Shield.Conductor Thickness.Type.Sheath.Colour

Please add the codes from the tables below in the above format to derive your desired product part number

Number of cores	Code
2 core	02
3 core	03
4 core	04
6 core	06
8 core	08
9 core	09
10 core	10
12 core	12
14 core	14

Shield	Code
Unshielded	US
Braid shield	BS
Foil shield	FS
Foil & Braid shield	FB

Conductor thickness	Code
12 AWG	12
14 AWG	14
16 AWG	16
18 AWG	18
20 AWG	20
22 AWG	22
23 AWG	23
24 AWG	24

Conductor Type	Code
Solid	S
Stranded (T-Number of strands X Strandes thickness in AWG)	
14AWG (19x26AWG)	T-19x26
16AWG (19x29AWG)	T-19x29
18AWG (7x26AWG)	T-07x26
22AWG (7x30AWG)	T-07x30
24AWG (7x32AWG)	T-07x32

Sheath	Code
PVC	P
PE	E
LSOH	L

Colour	Code
Grey	G
Black	B
Red	R
Blue	U
Orange	O

*Specifications are subject to change without notice based on technical recommendations and related product enhancements