



Flexible Shielded Tray Cable

TC300S CABLE AWP PT #3001812S



Part Number	Stranding	Conductor	Nominal Outer Diameter (inches)	Nominal Outer Diameter (mm)	Weight Lb/1000ft
3001812S	18AWG (19 x 30) Bare Copper	12	0.498	12.65	171

Recommended Applications:

Machine tools, CNC machines, grinding machines, woodworking machinery, control panel to machine connections, wind turbine. Plus extremely light flexing applications.

Basic Construction:

Fine bare copper strands

Insulating Compound:

Specially formulated oil resistant PVC/N

Colour Code:

Black with white number coding. Conductor count for three conductor cable and beyond includes a green/yellow ground conductor (minimum 30% coverage).

Shielding:

Inner foil shield 100% coverage

Outer tinned copper braid 85% minimum coverage

Jacketing Compound:

Specially formulated oil resistant PVC

Minimum Bend Radius:

For installation only 4 x cable diameter

Temperature Range:

For static applications -40C to +90C

Nominal Voltage Rating:

600V

Test Voltage:

3000V

Approvals:

(UL) TC-ER, 90C DRY, 75C WET, SUN/RES, DIR BUR OR MTW OR WTTC OR DP-1 OR C(UL), CIC-TC FT4, CSA AWM 1/11 A/B, 90C, 600V/1000V, FT4, CE, OIL RES

RoHS compliant

Conforms to CE low voltage directive

Cable produced with CSA FT4 rating

Also available in different insulation and jacket colours. A low manufacturing minimum may be required for non-standard colours.

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