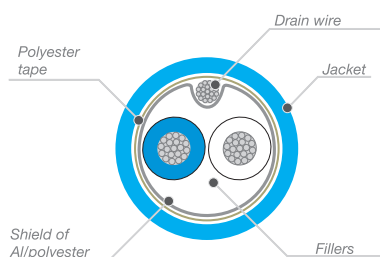




## Use

Machine tool wire cables produced for fixed applications or not-cyclical and not-repetitive mobile uses. They are used for equipment meant for the European (EC), North American (UL) and Canadian (CSA) markets. Their good oil and abrasion resistance permit their use in static connections without particular protections and without compromising the original electrical and mechanical properties. The good flame resistance makes them suitable for the installation in any industrial environment. The metric marked on the jacket allows an easier processing and installation of the cable.

Information. An additional UL certified cut-to-length service is carried out on request ("Processed Wire").



## Technical data

Characteristics	Value/property
Conductor	Tin copper
Insulation	TKblend®-L
Conductor distinction	Twisted: (Blue, Natural)
Total shield	Aluminum/polyester (coverage 100%), drain wire 7x0,25 mm and protective PET tape.
Jacket	PVC compound. Blue color RAL 5015.
Temperature range	+80°C -20°C (fixed); -5°C (not fixed <sup>(1)</sup> )
Voltage rating	300 V
Electrical resistance	<87,2 Ω/km
Nominal impedance	120 Ω
Capacitance	40 pF/m
Bending radius	10 x cable outer diameter
Standards of construction	Flame res.: UL HFT, CSA FT1, IEC 60332-1   Oil res.: ISO 6722   Other: IEC 60344, UL 758, CSA AWM I/II A/B, cURus AWM Style 2095
Standards of use	ANSI/NFPA 79, UL 508a, CSA C22.1 (CE Code), CSA C22.2 No.286, Style 2095

(1) For mobile use with scarcely repetitive and non-cyclical movements.

## Marking

TEKIMA CVFS0050\_0301S – CE (2x0,22) mm<sup>2</sup> 80°C 300 V IEC 60332-1 – c(UR)us AWM Style 2095 (2x24) AWG 80°C 300 V E314444 – AWM Class I/II A/B 80°C 300V FT1 – (prod.reference) = (metric) =

## Coding and dimensions

Code	Num. conductors x Size [mm <sup>2</sup> ]	Num. conductors x Size [AWG]	Diameter [mm (inch)]	Weight [kg/km (lb/mft)]
CVFS0050_0301S_BL	(2x0,22)	(2x24)	6,1 (0.240)	34 (23)