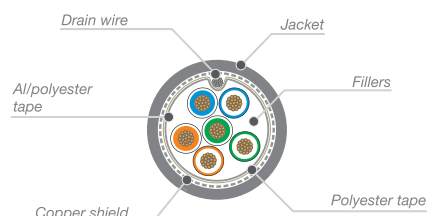




Use

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) market. 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: (White with blue rings, Blue with white rings); (White with orange rings, Orange with white rings); (White with green rings, Green with white rings)
Total shield	Protective aluminum/polyester (coverage 100%), drain wire 7x0,13 mm and tin copper shield (nom. coverage 65%).
Jacket	PVC compound. Gray color RAL 7001.
Temperature range	+80°C (fixed); +70°C (not fixed ⁽¹⁾) -25°C (fixed); -5°C (not fixed ⁽¹⁾)
Voltage rating	30 V
Electrical resistance	<206,5 Ω/km
Nominal impedance	120 Ω
Capacitance	36 pF/m
Bending radius	10 x cable outer diameter (15 x cable outer diameter for non-cyclical mobile uses)
Standards of construction	Flame res.: IEC 60332-1 Oil res.: ISO 6722

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

Marking

TEKIMA CVFS0040_0301S – CE (3x2x0,09) mm² 30 V IEC 60332-1 – (prod.reference) = (metric) =

Coding and dimensions

Code	Num. conductors x Size [AWG]	Num. conductors x Size [mm ²]	Diameter [mm (inch)]	Weight [kg/km (lb/mft)]
CVFS0040_0301S_GR	(3x(2x28))	(3x(2x0,09))	6,5 (0.256)	47 (32)