

TKFF390 hybrid servo cables are combining power and feedback elements under the same jacket for single cable servo motor applications. These cables are suitable for trailing applications in drag chain including machine tools, CNC equipment, material handling, packaging machinery, aerial lifts, boom extensions, and many more.

Hybrid cable configurations are specific to a feedback interface or drive manufacturer and all elements meet the specific electrical parameters for the respective system. The extra robust Polyurethane jacket is designed to withstand harsh industrial environments and is resistant to washdown. The cable is halogen free.



Technical data			
Conductor:	bare copper IEC 60228 class 6	Jacket:	Polyurethane 11Y
Insulation:	Polyolefin	Bending radius:	5x OD static, 7.5 OD Dynamic
Identification:	Black & numbered + YE/GN or see table	Temperature range:	-40 °C to + 90 °C
	Pair(s): see table		
Shield:	Tinned copper braid	Jacket Color:	Orange

Part#	Conductor configuration	OD [mm]	OD "	Min radius - Dynamic [mm]	Weight [kg/km]
Hiperface DSL AWM 21209 UL 90°C 1000V – CSA AWM I/II A/B 90°C 1000V					
540TKFF39D03	(4G1+(2x0.75)+(2xAWG22)) 4C AWG18 + TSP AWG19 + 1TSP AWG22 Pair 1: BU, WH, Pair 2: BK, WH	11.9	0.469	83.3	209
555TKFF39D01	(4G2.5+(2x1)+(2xAWG22)) 4C AWG14 + 1TSP AWG18 + 1TSP AWG22 Pair 1: BU, WH, Pair 2: BK, WH	14	0.551	105	298
570TKFF39D01	(4G6+(2x1)+(2xAWG22)) 4C AWG10 + 1TSP AWG18 + 1TSP AWG22 Pair 1: BU, WH, Pair 2: BK, WH	17.8	0.701	133.5	481
S210 with Ethernet element AWM 21209 UL 90°C 1000V – CSA AWM I/II A/B 90°C 1000V					
524V0069	(4G0.34+(2x0.34)+(4x0.20 CAT5)) 4C AWG22 + 1TSP AWG22 + 1STQ AWG25 GY, BN, BK, Y/G; WH, BK; YE, BU, GN, PK	9.8	0.386	73.5	130
535V0039	(4G0.75+(2x0.5)+(4x0.20 CAT5)) 4C AWG19 + 1TSP AWG16 + 1STQ AWG25 GY, BN, BK, Y/G; WH, BK; YE, BU, GN, PK	10.6	0.417	79.5	157
545G0191	(4G1.5+(2x1.5)+(4x0.20 CAT5)) 4C AWG16 + 1TSP AWG16 + 1STQ AWG25 GY, BN, BK, Y/G; WH, BK; YE, BU, GN, PK	12.5	0.5	95.3	252
555G0159	(4G2.5+(2x1.5)+(4x0.20 CAT5)) 4C AWG12 + 1TSP AWG16 + 1STQ AWG25 GY, BN, BK, Y/G; WH, BK; YE, BU, GN, PK	13.7	0.539	102.8	298