

TKFF390 Feedback cables for communication between the servo motor and feedback device. These cables are suitable for trailing application in drag chain including machine tools, CNC equipment, material handling, packaging machinery, aerial lifts, boom extensions, and many more.

All feedback cable feature low friction and low capacitance insulation material to meet all mechanical and electrical performance parameters for the respective system. Color codes are either system specific or follow DIN 47100. 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:	Color coded	Temperature range:	-40 °C to +90 °C
Shield:	Tinned copper braid	Jacket Color:	Green

Part#	Conductor configuration	OD [mm]	OD "	Min radius - Dynamic [mm]	Weight [kg/km]
SIEMENS 6FX800** compatible AWM 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V					
526TKFF39001 SIEMENS: 1BD21	(4x2x0.39+4x0.50) BK/BN, RD/OG, GN/YE, BU/VT + WHBU, WHBK, WHRD, WHYE	9.2	0.362	69	130
517TKFF39007 SIEMENS: 1BD11	(8x2x0.18) WHYE/WHGN, WHRD/WHOG, WHBK/WHBN, GY/WH, BU/VT, YE/GN, RD/OG, BK/BN	7.8	0.307	58.5	85
514TKFF39010 SIEMENS: 1BD51	(3x(2x0.14)+4x0.14+4x0.25+2x0.50) BK/BN, RD/OG, GN/YE + BU, GY, WHBK, WHYE, + GNBK, GNRD, BNYE, BNGY + BNBK, BNRD	9.5	0.374	71.3	139
514TKFF39011 SIEMENS: 1BD41	(3x(2x0.14)+4x0.14+2x0.50) BK/BN, RD/OG, GN/YE + BU, GY, WHBK, WHYE, + BNBK, BNRD	8.9	0.350	66.8	101
SIEMENS compatible AWM 21209 UL 90°C 30V – CSA AWM I/II A/B 90°C 30V					
518TKFF39035 SIEMENS: 2DC00	(2x2xAWG24+2xAWG22) PK/BU, YE/GN, + RD/BK	7.3	0.287	54.8	74
Bosch Rexroth Indramat** compatible AWM 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V					
522TKFF39027 INK-0448	(4x2x0.25 + 2x0.50) BN/GN, GY/PY, BU/VT, RD/BK, WH, BN	8.7	0.343	65.3	111
Multi-Pair Feedback AWG24 with overall shield AWM 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V					
522TKFF39034	(4x2x0.25) WH&BN, GN&YE, GY&PK, BU&RD	7.3	0.287	54.8	72.2
522TKFF39036	(5x2x0.25) WH&BN, GN&YE, GY&PK, BU&RD, BK&VT	8.2	0.323	61.5	82
522TKFF39035	(6x2x0.25) WH&BN, GN&YE, GY&PK, BU&RD, BK&VT, GR/PK&RD/BU	8.8	0.346	66	96.2
Multi-Pair Resolver Cable AWG24 with individual and overall shields 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V					
522TKFF39008	(4x(2x0.25)) WH&BN, GN&YE, GY&PK, BU&RD	9	0.354	67.5	120

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