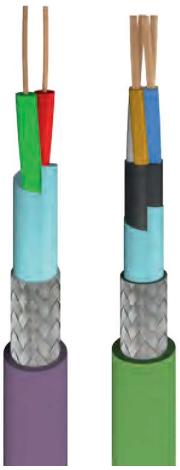
Bus and Network

TKFF390 shielded bus and network cable for communication in industrial network and bus systems. 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.

The cables are made with finely stranded bare copper and color codes follow their respective system specific conductor identification. 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 ≥ 85%	**Jacket Color:**	Purple or Green

Part#	Conductor configuration	OD [mm]	OD "	Min radius - Dynamic [mm]	Weight [kg/km]	Color
PROFIBUS 0.25mm / AWG24 AWM 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V						
518TKFF39032	(2x0.25mm²) 1TP AWG24 GN, RD	7.8	0.307	58.8	70.4	Purple
DEVICENET Drop AWG24 +AWG22 AWM 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V						
518TKFF39033	((2xAWG22) + (2xAWG24)) RD, BK, BU, WH	7.1	0.280	53.3	74.7	Purple
PROFINET/ETHERCAT AWG22 SF/UTQ AWM 21209 UL 90°C 1000V – CSA AWM I/II A/B 90°C 1000V						
524TKFF39106	(4xAWG22) WH, YE, BU, OR	6.5	0.256	48.3	65	Green
CAT5e AWG24 SF/UTP AWM 21209 UL 90°C 300V – CSA AWM I/II A/B 90°C 300V						
518TKFF39037	(4x2xAWG24) BU - WH/BU, OR – WH/OR, GN - WH/GN, BN – WH /BN	7.2	0.283	54	68	Green
CAT6A AWG24 SF/UTP AWM 21209 UL 90°C 1000V – CSA AWM I/II A/B 90°C 1000V						
518TKFF39141	(4x2xAWG24) BU - WH/BU, OR – WH/OR, GN - WH/GN, BN – WH /BN	7.6	0.299	57	76	Green