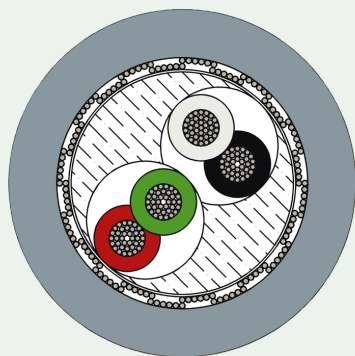


STATIC APPLICATION



TECSIGNAL® MULTI PAIRS UL

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	0.34	15.0xØ (occ. flexing)	7.5xØ

DESCRIPTION

These data cables are UL/CSA certified for use as a signal and measuring cable in machine tools, assembly lines, conveyor belts, plant construction, air conditioning devices, metallurgical plants and steel mills. The twisted pairs construction combined with the braid shield provide an optimal screen against the electromagnetic interferences.

APPROVALS



AWM STYLE 2464
80°C 300V



AWM I/II A/B 80°C
300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



STATIC
-40 °C +80 °C
OCCASIONAL FLEXING
-10 °C +80 °C



MAX OPERATING VOLTAGE
300 V (NOT FOR POWER
APPLICATIONS)



TEST VOLTAGE
1500 V



NOMINAL IMPEDANCE
70 ± 15% OHM

CONSTRUCTION FEATURES

TWISTED PAIR	CONDUCTOR	FINE WIRE CONDUCTOR TINNED COPPER
	INSULATION	PVC COMPOUND.
	INSULATION COLOR	VARIOUS COLOURS
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC
	SEPARATION LAYER	TAPE POLYESTER TRANSPARENT.
	SCREEN	SHIELD TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GRAY, RAL: 7001, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
DIN VDE 0482-332-1-2
DIN EN 60332-1-2
IEC 60332-1-2
UL 1581
VW-1 (UL)
FT1 (CSA)



OIL PERFORMANCE
VDE 0473-811-404
IEC 60811-404
UL 1581

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
1343	2X(2XAWG24)CCSN	✓	100/200	500	6.3	46	
376	(2X2X0,25)ST (2X2XAWG24)ST	✗	100	500	6	59	BLACK-WHITE, RED-GREEN
504	(3X2X0,25)ST (3X2XAWG24)ST	✓	100/200	500	6.4	68	BLACK-WHITE, RED-GREEN, BROWN-BLUE.
2655	3X(2XAWG22)CCSN	✗			6.8	80	
508	(4X2X0,25)ST (4X2XAWG24)ST	✓	100		6.8	80	BLACK-WHITE, RED-GREEN, BROWN-BLUE, ORANGE-YELLOW
505	(5X2X0,25)ST (5X2XAWG24)ST	✓	100	500	7.5	100	BLACK-WHITE, RED-GREEN, BROWN-BLUE, ORANGE-YELLOW, GRAY-VIOLET.
507	(6X2X0,25)ST (6X2XAWG24)ST	✓	100	500	7.5	108	BLACK-WHITE, RED-GREEN, BROWN-BLUE, ORANGE-YELLOW, GRAY-VIOLET, WHITE/BLUE*-BLUE/WHITE*. *RING BICOLOUR
510	(8X2X0,25)ST (8X2XAWG24)ST	✓		500	9.2	120	BLACK-WHITE, RED-GREEN, BROWN-BLUE, ORANGE-YELLOW, GRAY-VIOLET, WHITE/BLUE*-BLUE/WHITE*, WHITE/ORANGE*-BLUE/ORANGE*, WHITE/GREEN*-BLUE/GREEN*. *RING BICOLOUR
10006	(10X2XAWG24)ST	✓	100	500	9.2	118	
5719	(25X2X0,14)ST (25X2XAWG26)ST	✓			12.5	315	BLACK-RED, BLACK-WHITE, BLACK-GREEN, BLACK-BLUE, BLACK-YELLOW, BLACK-BROWN, BLACK-ORANGE, RED-WHITE, RED-GREEN, RED-BLUE, RED-YELLOW, RED-BROWN, RED-ORANGE, GREEN-WHITE, GREEN-BLUE, GREEN-YELLOW, GREEN-BROWN, GREEN-ORANGE, WHITE-BLUE, WHITE-YELLOW, WHITE-BROWN, WHITE-ORANGE, BLUE-YELLOW, BLUE-BROWN, BLUE-ORANGE.

TE.CO. reserves the right to make changes to any of the products without, however, affecting the essential technical features. Unless specified otherwise, all the product ratings stated are nominal ratings. The RAL colour code is provided for illustrative purposes only.

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