

DYNAMIC APPLICATION

FRX[®] ENCODER&RESOLVER



APPLICATIVE FEATURES



**4 MILLION
GUARANTEED CYCLES**



**10M/SEC²
ACCELERATION**



**20M
CABLE LENGTH**



**180M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

**CROSS SECTION
MIN (MM²)**

**CROSS SECTION
MAX (MM²)**

**DYNAMIC
INSTALLATION**

**STATIC
INSTALLATION**

0.14

1.0

7.5xØ

4.0xØ

DESCRIPTION

UL/CSA certified flexible cables designed for use in dynamic drag chains and automatic machinery applications, allowing for free movement without tensile stress or forced movements, in dry or moist environments. The PVC jacket provides excellent flexibility, while the Insulation Material has low capacitive buildup, ensuring high electrical performance with reduced dimensions. This makes them an ideal choice when space is limited or a minimal bending radius is required. They also offer good resistance to industrial cleaners and chemical agents, along with excellent workability. These features make this product line the ideal starting point for a range of TECO families designed for demanding mobile applications, particularly in the packaging sector.

APPROVALS



**AWM STYLE 2464 80°C
300V
File E244280**



AWM I/II A/B 80°C 300V



2014/35/CEE



2011/65/UE



1907/2006

TECHNICAL DATA



**DYNAMIC
-5°C / +80°C
STATIC
-40°C / +80°C**



**NOMINAL VOLTAGE
300V (UL/CSA AWM)**



**TEST VOLTAGE
2000 V**



**NOMINAL IMPEDANCE
55±15% OHM**

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE (IEC 60228) BARE COPPER
	INSULATION	POLYOLEFIN
	INSULATION COLOUR	VARIOUS COLOURS
	SCREEN	COPPER WRAPPED SHIELD
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	INNER JACKET POLYOLEFIN COMPOUND
GROUP 2	CONDUCTOR	CL6 EXTRA-FLEXIBLE (IEC 60228) BARE COPPER
	INSULATION	POLYOLEFIN
	INSULATION COLOUR	VARIOUS COLOURS
GROUP 3	CONDUCTOR	CL6 EXTRA-FLEXIBLE (IEC 60228) BARE COPPER
	INSULATION	POLYOLEFIN
	INSULATION COLOUR	VARIOUS COLOURS
GROUP 4	CONDUCTOR	CL6 EXTRA-FLEXIBLE (IEC 60228) BARE COPPER
	INSULATION	POLYOLEFIN
	INSULATION COLOUR	VARIOUS COLOURS
OVERALL STRANDING	SCREEN	SCREEN TINNED COPPER 85% ±5%
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: YES

PRODUCTS FEATURES



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



OIL PERFORMANCE
EN 50363-4-1 (TM5)
VDE 0207-363-4-1
IEC 60811-404
UL 1581



UV PERFORMANCE
EN 50289-4-17
ISO 4892-2
ASTM-D-2565-16



WATER PERFORMANCE
IEC 60811
UL 1581



HYDROCARBONS PERFORMANCE
UL 1581

TECO CODE	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
26238	[3X(2X0,14)SF/R+4X0,14+4X0,25+2X0,5]ST [3X(2XAWG26)SF/R+4XAWG26+4XAWG24+2XAWG21]ST	0	✓		500	9.8	142

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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