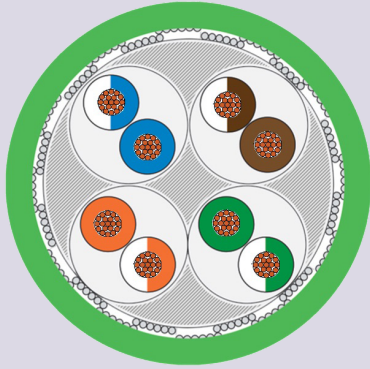


DYNAMIC APPLICATION

PMXX[®] ETHERNET cat.5e (SF/UTP)



APPLICATIVE FEATURES



**3 MILLION
GUARANTEED CYCLES**



**10,0 M/S²
ACCELERATION**



**15,0 M
CABLE LENGTH**



**200,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

**CROSS SECTION
MIN (MM²)**

**CROSS SECTION
MAX (MM²)**

**DYNAMIC
INSTALLATION**

**STATIC
INSTALLATION**

0.14

0.14

10.0xØ

7.0xØ

EtherCAT[®]

EtherNet/IP[™]

DESCRIPTION

UL/CSA certified flexible cables for industrial ETHERNET data transmission devices, designed for dynamic applications in drag chains but also suitable for static laying. The construction of these cables is designed to limit electromagnetic interference, matching the CATEGORY 5e ETHERNET standard. The polyurethane outer jacket provides good resistance to mechanical stress and chemical agents.

APPROVALS



**AWM STYLE 21223 80°C
1000V
File E244280**



**AWM I/II A/B 80°C
1000V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1

TECHNICAL DATA



**DYNAMIC
-40 °C +80 °C
STATIC
-50 °C +80 °C**



**NOMINAL VOLTAGE
1000 V (UL)
MAX OPERATING VOLTAGE
100 V
EN 50288-2-1
EN 50288-2-2**



**TEST VOLTAGE
3000 V (UL)
1000 V (EU)
TEST VOLTAGE REFERENCE
IEC 61156-5
EN 50288-2-1
EN 50288-2-2**



**INSULATION RESISTANCE
≥ 1 GOHM/KM**



**NOMINAL IMPEDANCE
100 ± 15 % OHM**

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER
	INSULATION	POLYETHYLENE COMPOUND (PE)
	INSULATION COLOR	ORANGE-WHITE/ORANGE*, GREEN-WHITE/GREEN*, BLUE-WHITE/BLUE*, BROWN-WHITE/BROWN* *RING BICOLOUR
OVERALL STRANDING	FILLER	FILLER NOT HYGROSCOPIC
	SEPARATION LAYER	TAPE POLYETHYLENE COMPOUND (PE)
	SCREEN	SHIELDED BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	SHIELDED TAPE ALLUMINIUM - NON WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6016, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
FT1 (CSA)
IEC 60332-1-2



OIL PERFORMANCE
UL 1581
VDE 0473-811-404
IEC 60811-404
CEI EN 50363-10-2



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



HYDROCARBONS PERFORMANCE
UL 1581
EN 50267-2-1

TECO CODE	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
37446	(4X2XAWG26)ST/SN	0.06	✓	100	1000/500	6.8	53

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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