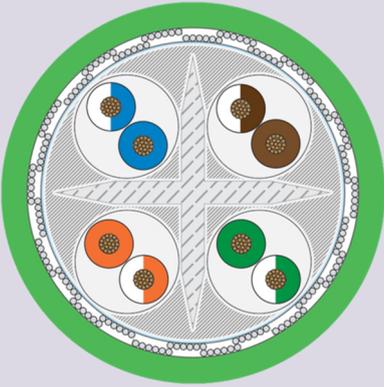


DYNAMIC APPLICATION

PMXX[®] ETHERNET cat.6 (SF/UTP)



APPLICATIVE FEATURES



**5 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

7.5xØ

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 6 CMX ETHERNET standard. The polyurethane outer jacket provides good resistance to mechanical stress and chemical agents. Both indoor and outdoor use are permitted thanks to the UV resistance conferred by the outer sheath material.

APPROVALS



Type CMX 75°C 300V

E506009



AWM STYLE 21576
80°C 1000V

E244280



AWM I/II A/B 80°C
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1

HALOGEN FREE

TECHNICAL DATA



DYNAMIC
-30 °C +80 °C
STATIC
-40 °C +80 °C



NOMINAL VOLTAGE
1000 V (RU)
300 V (UL)
MAX OPERATING VOLTAGE
100 V
EN 50288-5-1
EN 50288-5-2



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



INSULATION RESISTANCE
> 1 GOHM/KM



NOMINAL IMPEDANCE
100 ± 15 % OHM

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER
	INSULATION	EXPANDED POLYETHYLENE (PEE)
	INSULATION COLOR	ORANGE-WHITE/ORANGE*, GREEN-WHITE/GREEN*, BLUE-WHITE/BLUE*, BROWN-WHITE/BROWN* *RING BICOLOUR
	SOLID SEPARATION	POLYETHYLENE COMPOUND (PE)
OVERALL STRANDING	SEPARATION LAYER	SHIELDED TAPE MYLAR/ALLUMINIUM
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6016, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
VW-1 (UL)
FT2 (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
EN 50267-2-1

TECO CODE	OEM REF.	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
38736	SIEMENS 6XV1878-2C/B	(4X2XAWG26)SN/ST	0.06	✓	100	1000/500	7.2	64

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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