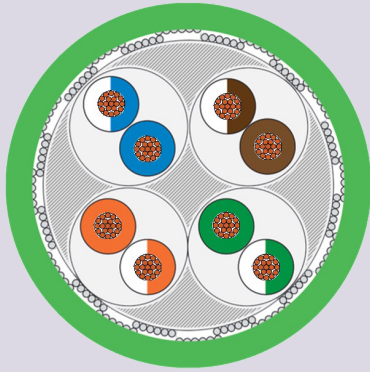


# DYNAMIC APPLICATION

## PMXX® ETHERNET 1000V CAT.5E



### APPLICATIVE FEATURES



**UP TO 3 MIO  
GUARANTEED CYCLES**



**10 M/S2  
ACCELERATION**



**15M  
CABLE LENGTH**



**200 M/MIN  
TRAVEL SPEED**



**MINIMUM BENDING RADIUS**

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	0.14	10.0xØ	7xØ

### APPROVALS



AWM STYLE 21223  
80°C 1000V



AWM I/II A/B 80°C  
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



IEC 60754-1

### TECHNICAL DATA



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



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



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



**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 BICOLOR.

STRANDING

FILLER

FILLER  
NOT HYGROSCOPIC.

SEPARATION LAYER

TAPE  
POLYETHYLENE COMPOUND (PE)

SCREEN

SHIELDED BRAID  
TINNED COPPER  
85 % ± 5 %

SEPARATION LAYER

SHIELDED TAPE  
ALUMINIUM/NON WOVEN TAPE

SHEATH

POLYURETHANE  
COMPOUND (TMPU)

SHEATH COLOUR

GREEN, RAL: 6016, DESINA: NO

## PRODUCTS FEATURES



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



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



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



**HYDROCARBONS PERFORMANCE**  
UL 1581  
EN 50267-2-1

TECO CODE	FORMATION	CAPACITANCE [NF/KM]	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
37446	(4X2XAWG26)ST/SN	0.06	✓	100	500/1000	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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