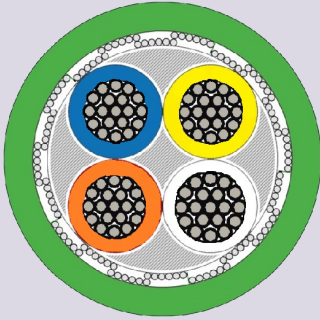


DYNAMIC APPLICATION

PMXX[®]

PROFINET Type C cat.5e (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

0.34

0.34

10.0xØ

6.0xØ



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
100V
EN 50288-2-1
EN 50288-2-2



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



INSULATION RESISTANCE
≥ 500 MOHM/KM



NOMINAL IMPEDANCE
100 ± 15 % OHM

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYETHYLENE COMPOUND (PE)
	INSULATION COLOR	CLOCKWISE SEQUENCE WHITE-YELLOW-BLUE-ORANGE PAIRS IN STAR QUAD POSITION.
OVERALL STRANDING	SEPARATION LAYER	TAPE POLYPROPYLENE TRANSPARENT PP
	SHEATH	INTERMEDIATE SHEATH TPE
	SEPARATION LAYER	SHIELDED TAPE MYLAR/ALLUMINIUM
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE TNT NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

FT1 (CSA)
IEC 60332-1-2



OIL PERFORMANCE

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



UV PERFORMANCE

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



HYDROCARBONS PERFORMANCE

UL 1581
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)
36855	SIEMENS 6XV1840-3AH10	(1X4XAWG22/19)Q-M-SN-ST	60	✓	100	500	6.5	65

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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