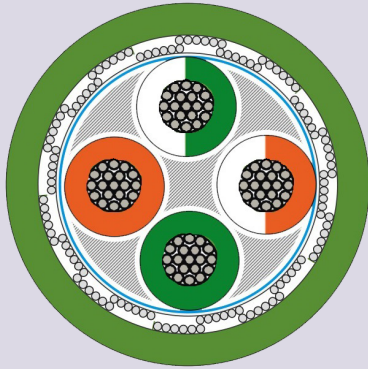


DYNAMIC APPLICATION

PMXX[®] ETHERNET 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**

0.22

0.22

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 5e ETHERNET standard. The polyurethane outer jacket provides good resistance to mechanical stress and chemical agents.

APPROVALS



AWM STYLE 20549 80°C
300V
File E244280



AWM I/II A/B 80°C 300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1

TECHNICAL DATA



DYNAMIC
-20 °C +80 °C
STATIC
-40 °C +80 °C



NOMINAL VOLTAGE
300 V



TEST VOLTAGE
2000 V



INSULATION RESISTANCE
> 1 GOHM/KM



NOMINAL IMPEDANCE
100 ± 15 % OHM

CONSTRUCTION FEATURES

TWISTED PAIRS	CONDUCTOR	CL6 EXTRA-FLEXIBLE. TINNED COPPER
	INSULATION	POLYETHYLENE COMPOUND (PE)
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE POLYPHENYL ETHYLENE COMPOUND (PPE)
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	SHIELD TAPE ALLUMINIUM - NON WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6016, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
UL 1581 SEC.1061 HORIZONTAL
FLAME
FT2 (CSA)



OIL PERFORMANCE
VDE 0207-363-10-2
IEC 60811-404
CEI EN 50363-10-2
UL 1581



UV PERFORMANCE
ISO 4892-2
EN 50289-4-17
ASTM-D-2565-16
EN 50618

TECO CODE	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
24188	(2X2XAWG24)ST-SN	50	X	100	500	5.8	41	ORANGE-WHITE/ORANGE*, GREEN-WHITE/GREEN* *RING BICOLOUR.

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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