

DYNAMIC APPLICATION

PMXX® ETHERNET 300V CAT.5E

APPLICATIVE FEATURES



**5MIO
GUARANTEED CYCLES**



**10,0M/S2
ACCELERATION**



**15,0M
CABLE LENGTH**



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



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.22	0.22	10xØ	7.5xØ

APPROVALS



**AWM STYLE 20549
80°C 300V**



**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 -40°C +80°C
STATIC -50°C +80°C**



NOMINAL VOLTAGE 300V



TEST VOLTAGE 2000V



**INSULATION RESISTANCE >
1GOHM/KM**



**NOMINAL IMPEDANCE
100±15% OHM**



ATTENUATION

		24 AWG
MHz		dB/100m
1.00 MHz		3.2
4.00 MHz		6.0
10.00 MHz		9.5
16.00 MHz		12.1
20.00 MHz		13.6
31.00 MHz		
62.50 MHz		
100.00 MHz		32.0
155.52 MHz		40.2
200.00 MHz		46.5
250.00 MHz		

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 %
	SCREEN	SHIELD TAPE POLYESTER INSIDE / ALLUMINIUM OUTSIDE 100 % ± 5 %
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6016, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE
FT2(CSA); IEC 60332-1-2(EU)



OIL PERFORMANCE
1581(UL); IEC 60811-404(EU); CEI
EN 50363-10-2(EU); IRM 902



UV PERFORMANCE
UV RESISTANT

TECO CODE	FORMATION	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 BICOLOR.

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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