

DYNAMIC APPLICATION

PMXX® ETHERNET 30V CAT.7

APPLICATIVE FEATURES



UP TO 5 MILIONS
GUARANTEED CYCLES



5,0 M/S2
ACCELERATION



15,0M
CABLE LENGTH



300,0 M/MIN
TRAVEL SPEED



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0,14	0,34	10xØ	6xØ

APPROVALS



AWM STYLE 20236
80°C 30V



AWM I-II A-B 80°C
30V



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1

TECHNICAL DATA



DYNAMIC -30°C +70°C
STATIC -50°C +80°C



NOMINAL VOLTAGE 30V



TEST VOLTAGE 1500V/1MIN
(C/C); 1500V/1MIN (C/S);



INSULATION RESISTANCE 5000
OHM



NOMINAL IMPEDANCE
1÷250MHZ 100OHM±15%
250÷600MHZ 100OHM±20%



ATTENUATION

MHz	26 AWG dB/100m
1.00 MHz	3.1
4.00 MHz	5.7
10.00 MHz	8.9
16.00 MHz	11.2
20.00 MHz	12.6
31.00 MHz	15.8
62.50 MHz	22.5
100.00 MHz	28.7
155.52 MHz	36.2
200.00 MHz	40.0
250.00 MHz	45.6

CONSTRUCTION FEATURES

PAIRS	CONDUCTOR	CL6 EXTRA-FLEXIBLE. BARE COPPER.
	INSULATION	POLYPROPYLENE COMPOUND (PP)
	SEPARATIONLAYER	TAPE DOUBLE NON-WOVEN TAPE
	SCREEN	SHIELD TAPE MYLAR INSIDE - ALLUMINIUM OUTSIDE 100 % ± 5 %
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN , RAL: 6018, DESINA: YES

PRODUCTS FEATURES



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



OIL PERFORMANCE
1581 (UL); IEC60811-404(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
39832	[4X(2XAWG26-19)SN-ST]ST	48	✓	100	500	9	112	ORANGE-WHITE, GREEN-WHITE, BLUE-WHITE, BROWN-WHITE

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