

# STATIC APPLICATION

## UE PROFINET-ETHERCAT 1000V CAT.5E

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION

CROSS SECTION  
MAX

DYNAMIC  
INSTALLATION

STATIC  
INSTALLATION

10x Ø

### APPROVALS



AWM STYLE 2570  
80°C 1000V



AWM I/II A/B 80°C  
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

### TECHNICAL DATA



INSTALLATION -5°C +80°C  
STATIC -20°C +80°C



NOMINAL VOLTAGE 1000V (UL)  
MAX OPERATING VOLTAGE 100V  
EN 50288



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



INSULATION RESISTANCE ≥500  
MOHM/KM



NOMINAL IMPEDANCE  
100±15% OHM



#### ATTENUATION

22 AWG

MHz

dB/100m

1.00 MHz

2.40

4.00 MHz

4.90

10.00 MHz

7.80

16.00 MHz

9.90

20.00 MHz

11.10

31.00 MHz

14.10

62.50 MHz

20.50

100.00 MHz

26.50

155.52 MHz

200.00 MHz

250.00 MHz

## CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	SOLID BARE COPPER.
	INSULATION	POLYETHYLENE COMPOUND (PE)
	INSULATION COLOR	CLOCKWISE SEQUENCE: WHITE, YELLOW, BLUE, ORANGE PAIRS IN STAR QUAD POSITION.
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE PET - POLYESTER.
	SHEATH	INTERMEDIATE SHEATH LSZH-FLAME RETARDANT AND NOT CORROSIVE.
	SEPARATION LAYER	SHIELD TAPE ALLUMINIUM INSIDE AND OUTSIDE
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN , RAL: 6018, 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

TECO CODE	OEM REF.	FORMATION	CAPACITANCE [NF/KM]	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
37464	SIEMENS 6XV1840-2AT10/20/50	(1X4XAWG22/1)Q-R/SN/ST	0.06	✓	100	500	6.5	63

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