



STATIC APPLICATION

FE PROFINET-ETHERCAT 1000V CAT.5E

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.22	0.34		6.0xØ

APPROVALS



AWM STYLE 2570 80°C
1000V

E244280



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
-30°C +80°C



NOMINAL VOLTAGE
1000V (UL)
MAX OPERATING VOLTAGE
100V EN 50288-2-1 / 2-2



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



INSULATION RESISTANCE
≥500 MOHM/KM



NOMINAL IMPEDANCE
100±15% OHM

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL2 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 PET - POLYESTER.
	SHEATH	SHEATH INTERMEDIATE TPE
	SEPARATION LAYER	SHIELDED TAPE MYLAR INSIDE - ALLUMINIUM 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]
37488	SIEMENS 6XV1870- 2BU10	(1X4XAWG22/7)Q-R-SN- ST	0.05	✓	100	500	6.5	63

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.

Company managed and coordinated by Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.