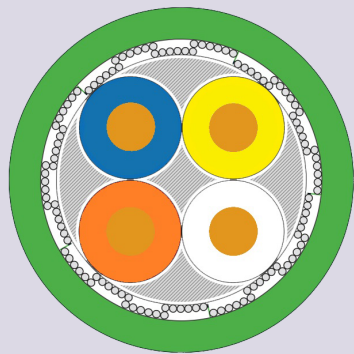


STATIC APPLICATION



UE PROFINET Type A cat.5e (SF/UTP)

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.34	0.34		10.0xØ



DESCRIPTION

UL/CSA certified cables for industrial devices that work with the PROFINET®-ETHERCAT® data transmission standard, designed for Static application between the central controlling unit and the input/output peripheral components. The construction of these cables is designed to limit electromagnetic interference, matching the PROFINET®-ETHERCAT® CAT. 5e standard. Each conductor is made up of a single solid bare copper wire.

APPROVALS



AWM STYLE 2570 80°C
1000V
File E244280



AWM I/II A/B 80°C
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



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



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



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



INSULATION RESISTANCE
≥ 500 MOHM/KM



NOMINAL IMPEDANCE
100 ± 15 % OHM

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



OIL PERFORMANCE

VDE 0473-811-404
IEC 60811-404
CEI EN 50363-10-2
UL 1581



UV PERFORMANCE

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

TECO CODE	OEM REF.	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
37464	SIEMENS 6XV1840-2AH10	(1X4XAWG22/1)Q-R/SN/ST	0.06	✓	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.

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