



STATIC APPLICATION

UE ETHERNET PVC cat.5e (SF/UTP)

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.22	24		8.0xØ

EtherCAT[®]

EtherNet/IP[™]

DESCRIPTION

UL/CSA certified cables for industrial ETHERNET data transmission devices, 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 CATEGORY 5e ETHERNET standard. Each conductor is made up of a single solid bare copper wire.

APPROVALS



AWM STYLE 2464 80°C
300V
File E244280



AWM I/II A/B 80°C 300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



DURING INSTALLATION
-5 °C +80 °C
STATIC
-30 °C +80 °C



NOMINAL VOLTAGE
300V (UL/CSA AWM)
MAX OPERATING VOLTAGE
125 V



TEST VOLTAGE
2000 V



INSULATION RESISTANCE
> 1 GOHM/KM



NOMINAL IMPEDANCE
100 ± 15 % OHM

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	SOLID BARE COPPER
	INSULATION	EXPANDED POLYETHYLENE (PEE)
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE PET - POLYESTER.
	SCREEN	SHIELDED TAPE MYLAR/ALLUMINIUM 100 % ± 5 %
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN, RAL: 6016, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

VW-1 (UL)
FT1 (CSA)
IEC 60332-1-2



OIL PERFORMANCE

UL 1581
IEC 60811-404
IRM 902



UV PERFORMANCE

UL 1581

TECO CODE	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	INS. COLOUR EXC
10137	(4X2XAWG24-1)SN-ST	50	✓	100/200	1000/500	6.6	54	ORANGE-WHITE/ORANGE*, GREEN-WHITE/GREEN*, BLUE-WHITE/BLUE*, BROWN-WHITE/BROWN*. *RING BICOLOUR.

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 Erredue S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.