

STATIC APPLICATION

UE ETHERNET PVC 300V CAT.5E

APPLICATIVE FEATURES



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.22	0.22		8xØ

APPROVALS



AWM STYLE 2571
80°C 300V



AWM I/II A/B 80°C
300V



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 300V



TEST VOLTAGE 2000V



INSULATION RESISTANCE >1
GOHM/KM



NOMINAL IMPEDANCE
100±15% OHM



ATTENUATION

MHz	24 AWG dB/100m
1.00 MHz	2.0
4.00 MHz	3.8
10.00 MHz	5.7
16.00 MHz	7.1
20.00 MHz	7.9
31.00 MHz	11
62.50 MHz	
100.00 MHz	18.3
155.52 MHz	23.4
200.00 MHz	26.3
250.00 MHz	

CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	SOLID BARE COPPER.
	INSULATION	EXPANDED POLYETHYLENE (PEE)
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE PET - POLYESTER.
	SCREEN	SHIELD TAPE MYLAR INSIDE - ALLUMINIUM OUTSIDE 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(EU)



OIL PERFORMANCE
1581(UL); IEC 60811-404(EU); IRM
902

TECO CODE	FORMATION	CAPACITANCE [NF/KM]	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
14970	(2X2XAWG24-1)SN-ST	50	X	100	500/1500	5.8	42	ORANGE-WHITE/ORANGE*, GREEN-WHITE/GREEN* *RING BICOLOR

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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