



## 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

### 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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