



## STATIC APPLICATION

# FE ETHERNET POLYURETHANE CAT.5E

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	0.22		8.0xØ

### APPROVALS



AWM STYLE 20549  
80°C 300V



AWM I/II A/B 80°C  
300V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



IEC 60754-1  
EN 50267-1

### TECHNICAL DATA



INSTALLATION  
-5°C +80°C  
STATIC  
-40°C +80°C



NOMINAL VOLTAGE  
300V



TEST VOLTAGE  
2000V



INSULATION RESISTANCE  
>1 GOHM/KM



NOMINAL IMPEDANCE  
100±15%OHM

### CONSTRUCTION FEATURES

TWISTED PAIRS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	POLYETHYLENE COMPOUND (PE)
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATION LAYER	TAPE TRANSPARENT TRANSPARENT POLYETHYLENE (PE)
	SCREEN	SHIELD MYLAR-AL MYLAR INSIDE - ALLUMINIUM OUTSIDE 100 % ± 5 %
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	POLYURETHANE COMPOUND (TMPU)
	SHEATH COLOUR	GREEN, RAL: 6016, DESINA: NO

## PRODUCTS FEATURES



**FIRE PERFORMANCE**  
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	SHEATH COLOUR EXC
15010	(2X2XAWG24/7)SN/ST/PUR	50	X	100	500/1000	5.8	40	ORANGE- WHITE/ORANGE* GREEN- WHITE/GREEN* *RING BICOLOR	GREEN

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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