

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		8xØ

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



ATTENUATION

MHz	24 AWG	26 AWG
	dB/100m	dB/100m
1.00 MHz	2.0	3.1
4.00 MHz	3.8	5.7
10.00 MHz	5.7	9.1
16.00 MHz	7.1	11.43
20.00 MHz	7.9	
31.00 MHz	11.0	16.14
62.50 MHz		23.25
100.00 MHz	18.3	
155.52 MHz	23.4	38.05
200.00 MHz	26.3	49.69
250.00 MHz		

CONSTRUCTION FEATURES

TWISTED PAIRS	CONDUCTOR	CL5 FLEXIBLE. BARE COPPER.
	INSULATION	POLYETHYLENE COMPOUND (PE)
OVERALL STRANDING	FILLER	FILLER POLYPROPYLENE
	SEPARATIONLAYER	TAPE TRANSPARENT TRANSPARENT POLYETHYLENE (PE)
	SCREEN	SHIELD MYLAR-AL MYLAR INSIDE - ALLUMINIUM OUTSIDE 100 % ± 5 %
	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATIONLAYER	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

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