

# STATIC APPLICATION

## FE ETHERNET PVC cat.7 (S/FTP)

### APPLICATIVE FEATURES



#### MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM <sup>2</sup> )	CROSS SECTION MAX (MM <sup>2</sup> )	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.66		8.0xØ

EtherCAT

EtherNet/IP

PROFI  
NET

### DESCRIPTION

UL/CSA certified flexible 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 7 CMX ETHERNET standard.

### APPROVALS



Type CMX 75°C 300V  
File E506009



AWM STYLE 20886 80°C  
1000V  
File E244280



AWM I/II A/B 80°C  
1000V



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

### TECHNICAL DATA



**DURING INSTALLATION**  
-5°C +80°C  
**STATIC**  
-30°C +80°C  
**OCCASIONAL FLEXING**  
-5°C +70°C



**NOMINAL VOLTAGE**  
1000V (UR)  
300V (UL)  
**MAX OPERATING VOLTAGE**  
100 V  
EN 50288-4-1  
EN 50288-4-2



**TEST VOLTAGE**  
1000V (EU)  
3000V (UL)  
**TEST VOLTAGE REFERENCE**  
IEC 61156-5  
EN 50288-4-1  
EN 50288-4-2



**INSULATION RESISTANCE**  
≥ 500 MOHM/KM



**NOMINAL IMPEDANCE**  
100 ± 15 % OHM @ 100MHZ

## CONSTRUCTION FEATURES

GROUP 1	CONDUCTOR	CL2 FLEXIBLE. BARE COPPER
	INSULATION	EXPANDED POLYETHYLENE (PEE)
	INSULATION COLOR	WHITE-ORANGE, WHITE-GREEN, WHITE-BLUE, WHITE-BROWN
	SEPARATION LAYER	SHIELDED TAPE MYLAR/ALLUMINIUM
OVERALL STRANDING 38733	SCREEN	SHIELD BRAID TINNED COPPER 65 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN, RAL: 6016, DESINA: NO
OVERALL STRANDING 39873	SCREEN	SHIELD BRAID TINNED COPPER 85 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	GREEN, RAL: 6018, DESINA: NO
OVERALL STRANDING 60865	SCREEN	SHIELD BRAID TINNED COPPER 65 % ± 5 %
	SEPARATION LAYER	TAPE NON-WOVEN TAPE
	SHEATH	PVC COMPOUND.
	SHEATH COLOUR	VIOLET, RAL: 4001, DESINA: NO

## PRODUCTS FEATURES



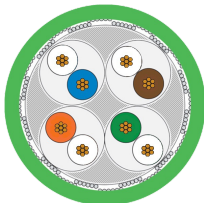
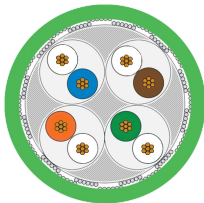
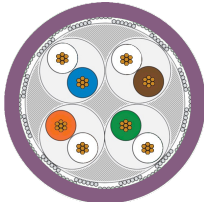
**FIRE PERFORMANCE**  
VW-1 (UL)  
FT2 (CSA)  
IEC 60332-1-2



**OIL PERFORMANCE**  
VDE 0473-811-404  
IEC 60811-404  
CEI EN 50363-10-2  
UL 1581



**UV PERFORMANCE**  
ISO 4892-2  
EN 50289-4-17  
ASTM-D-2565-16

REFERENCE DRAW	TECO CODE	OEM REF.	N° CORES X CROSS-SECTION	CAPACITANCE (NF/KM)	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)	SHEATH COLOUR EXC
	38733	SIEMENS 6XV1878-2E	[4X(2XAWG26/7)SN]ST	45	✓	100/200	500	6.3	48	
	39873		[4X(2XAWG23/7)SN]ST	55	✓	100	500	8.7	83	
	60865		[4X(2XAWG23/7)SN]ST	55	✓	100	500	8.7	83	VIOLET

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