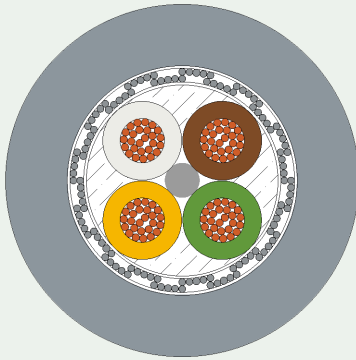


DYNAMIC APPLICATION

PMXX® PLUS SIGNAL-ST



APPLICATIVE FEATURES



**UP TO 5 MILLION CYCLES
GUARANTEED CYCLES**



**30,0 M/S²
ACCELERATION**



**15,0 M
CABLE LENGTH**



**300,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

**CROSS
SECTION**

**CROSS SECTION
MAX**

**DYNAMIC
INSTALLATION**

**STATIC
INSTALLATION**

0.14

1.00

6xØ

4xØ

APPROVALS



**AWM STYLE 21209
90°C 300V**



**AWM I/II A/B 90°C
300V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006



**IEC 60754-1
EN 50267-1**

TECHNICAL DATA



STORAGE
-50°C +90°C
DYNAMIC
-30°C +90°C
STATIC
-40°C +90°C



NOMINAL VOLTAGE
300 V (UL/CSA) 300 V (VDE)



TEST VOLTAGE
2,0 KV



INSULATION RESISTANCE
≥1 GOHM/KM

CONSTRUCTION FEATURES

SIGNAL CONDUCTORS

CONDUCTOR

**CL6 EXTRA-FLEXIBLE.
BARE COPPER.**

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

**COLOURS SEQUENCE REFERS TO DIN 47100
STANDARD.**

OVERALL STRANDING

FILLER

**FILLER
POLYPROPYLENE**

SEPARATION LAYER

**TAPE
NON-WOVEN TAPE**

SCREEN

**SCREEN
TINNED COPPER
85 % ± 5 %**

SEPARATION LAYER

**TAPE
NON-WOVEN TAPE**

SHEATH

**POLYURETHANE
COMPOUND (TMPU)**

PRODUCTS FEATURES



FIRE PERFORMANCE
SELF-EXTINGUISHING AND FLAME
RETARDANT ACC. TO DIN VDE 0482-
332-1-2
DIN EN 60332-1-2
IEC 60332-1-2
UL CABLE FLAME
UL VW-1
CSA FT1.



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



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



WATER PERFORMANCE
UL 1581 - IEC 60811-1-3



COLD PERFORMANCE
EN60811-1-4



ABRASION PERFORMANCE
ASTM D 4060



MUD PERFORMANCE
NEK 606



MICROBE PERFORMANCE
VDE 0282/10



HOZONE PERFORMANCE
EN 50396 ART. 8.1.3

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]	INS. COLOUR EXC
46661	(2X0,34)ST (2XAWG22)ST	✗	100	500	4.9	35	
46674	(2X0,50)ST (2XAWG21)ST	✓	100	500	5.3	45	
46662	(3X0,34)ST (3XAWG22)ST	✓	100	500	5.2	40	
46678	(4X0,25)ST (4XAWG24)ST	✗	100	500	5.2	42	
46663	(4X0,34)ST (4XAWG22)ST	✗	100	500	5.4	45	
46664	(5X0,34)ST (5XAWG22)ST	✓	100	500	6	55	
46676	(5X0,50)ST (5XAWG21)ST	✓	100	500	6.6	63	
46665	(6X0,34)ST (6XAWG22)ST	✗	100	500	6.4	65	
46667	(8X0,34)ST (8XAWG22)ST	✓	100	500	7.2	78	
46677	(8X0,50)ST (8XAWG21)ST	✓	100	500	8.2	105	
46679	(12X0,25)ST (12XAWG24)ST	✓	100	500	7.3	80	
46668	(12X0,34)ST (12XAWG22)ST	✓	100	500	9	110	
46669	(14X0,34)ST (14XAWG22)ST	✓	100	500	8.7	120	
46670	(18X0,34)ST (18XAWG22)ST	✓	100	500	9.5	140	
46671	(20X0,34)ST (20XAWG22)ST	✓		500	10	160	
46672	(25X0,34)ST (25XAWG22)ST	✓		500/100	11.4	205	
46673	(36X0,34)ST (36XAWG22)ST	✓		500	12	250	

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.
Company managed and coordinated by Fangen S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.

