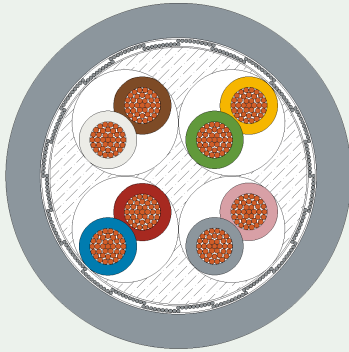


DYNAMIC APPLICATION

PMXX[®] PLUS

SIGNAL WITH PAIR SHIELDED (SH)

APPLICATIVE FEATURES



**5 MILLION
GUARANTEED CYCLES**



**30,0 M/S²
ACCELERATION**



**15,0 M
CABLE LENGTH**



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



MINIMUM BENDING RADIUS

CROSS SECTION MIN (MM ²)	CROSS SECTION MAX (MM ²)	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	0.25	6.5xØ	4xØ
0.34	1.00	10xØ	5xØ

DESCRIPTION

Low-frequency UL/CSA certified flexible signal cables with a polyurethane outer jacket, designed for high dynamic drag chain applications with permanently flexible stresses in machine tool building, robot technology, and on constantly moving machine parts. Favorable crosstalk attenuation values are achieved thanks to the pairs' twisted stranding. Even interference through parallel running cables is suppressed due to the dense braided screen.

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

TWISTED PAIR	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)
	SHEATH COLOUR	GRAY, RAL: 7001, DESINA: NO

PRODUCTS FEATURES



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



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



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 50396-8-1-3

TECO CODE	N° CORES X CROSS-SECTION	CUT	ROLLS (M)	DRUMS (M)	EXT Ø (MM)	WEIGHT (KG/KM)
46657	(2X2X0,75)ST (2X2XAWG19)ST	✓	100	500	8.4	95
46735	(3X2X0,25)ST (3X2XAWG24)ST	✓	100/200	500	6.3	60
46658	(4X2X0,75)ST (4X2XAWG19)ST	✓		500	9.7	140

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 Erredue S.r.l.. All rights reserved. No reproduction permitted without written permission from TE.CO. Tecnologia Commerciale S.p.A.

