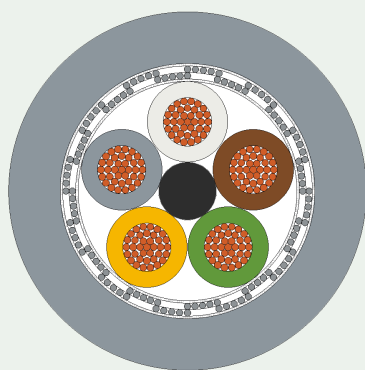


DYNAMIC APPLICATION

FRX® PLUS SIGNAL-ST



APPLICATIVE FEATURES



**UP TO 5 MILION CYCLES
GUARANTEED CYCLES**



**10 M/SEC²
ACCELERATION**



**10,0M
CABLE LENGTH**



**180 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

CROSS SECTION	CROSS SECTION MAX	DYNAMIC INSTALLATION	STATIC INSTALLATION
0.14	1.00	7.5xØ	6.0xØ

APPROVALS



**AWM STYLE 20042
90°C 300V**



**AWM I/II A/B 90°C
300V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



**DYNAMIC
-5°C +90°C
STATIC
-40°C +90°C**



**NOMINAL VOLTAGE
300V**



**TEST VOLTAGE
2,0 KV**



**INSULATION RESISTANCE
>100 MOHM/KM (AT 90°C)**

CONSTRUCTION FEATURES

SIGNAL CONDUCTORS

CONDUCTOR

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

INSULATION

POLYPROPYLENE COMPOUND (PP)

INSULATION COLOR

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

FILLER

**FILLER
POLYPROPYLENE**

OVERALL STRANDING

SEPARATION LAYER

**TAPE
NON-WOVEN TAPE**

SCREEN

**SCREEN
TINNED COPPER
85 % ± 5 %**

SEPARATION LAYER

**TAPE
NON-WOVEN TAPE**

SHEATH

PVC COMPOUND.

SHEATH COLOUR

GRAY, RAL: 7001, DESINA: NO

PRODUCTS FEATURES



FIRE PERFORMANCE

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 50363-4-1 1581 (UL)



UV PERFORMANCE

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



WATER PERFORMANCE

UL 1581 - IEC 60811



HYDROCARBONS PERFORMANCE

UL 1581

TECO CODE	FORMATION	CUT	ROLLS [M]	DRUMS [M]	EXT Ø [MM]	WEIGHT [KG/KM]
46637	(2X0,34)ST (2XAWG22)ST	✗	100	500	4.8	32
46656	(2X0,50)ST (2XAWG21)ST	✓	100	500	5.3	45
46638	(3X0,34)ST (3XAWG22)ST	✓	100	500	5	35
46639	(4X0,34)ST (4XAWG22)ST	✗	100	500	5.4	54
46640	(5X0,34)ST (5XAWG22)ST	✓	100	500	5.7	56
46641	(6X0,34)ST (6XAWG22)ST	✗	100	500	6.2	70
46643	(8X0,34)ST (8XAWG22)ST	✓	100	500	7.2	85
46644	(12X0,34)ST (12XAWG22)ST	✓	100	500	7.9	108
46645	(18X0,34)ST (18XAWG22)ST	✓	100	500	9.2	125
46646	(25X0,34)ST (25XAWG22)ST	✓		500	11.2	150

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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