

DYNAMIC APPLICATION

FRX® PLUS SIGNAL

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

6xØ

APPROVALS



**AWM STYLE 20042
90°C 300V**



**AWM I/II A/B 90°C
300V**



2014/35/CEE



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**

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]
46636	25X0,25 25XAWG24	✓		500	9.3	115

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