

DYNAMIC APPLICATION

FRX® PROFIBUS

APPLICATIVE FEATURES



**UP TO 5 MIO.
GUARANTEED CYCLES**



**4,0 M/SEC²
ACCELERATION**



**10,0 M
CABLE LENGTH**



**120,0 M/MIN
TRAVEL SPEED**



MINIMUM BENDING RADIUS

| CROSS SECTION | CROSS SECTION MAX | DYNAMIC INSTALLATION | STATIC INSTALLATION |
|---------------|-------------------|----------------------|---------------------|
| 0,14 | 0,34 | 12xØ | 10xØ |

APPROVALS



**AWM STYLE 2571
80°C 300V**

E244280



**AWM I/II A/B 80°C
300V**



2014/35/CEE



2014/30/EU



2011/65/UE



1907/2006

TECHNICAL DATA



**DYNAMIC -5°C +80°C
STATIC -40°C +80°C**



NOMINAL VOLTAGE 300V



TEST VOLTAGE 2000V



**INSULATION RESISTANCE 5
GOHM/KM**



**NOMINAL IMPEDANCE
150OHM ± 10%**



ATTENUATION

22 AWG

MHz

dB/100m

1.00 MHz

4.00 MHz

2.2

10.00 MHz

16.00 MHz

4.4

20.00 MHz

4.9

31.00 MHz

62.50 MHz

100.00 MHz

155.52 MHz

200.00 MHz

250.00 MHz

CONSTRUCTION FEATURES

| | | |
|-------------------|-----------------|--|
| PAIR | CONDUCTOR | CL5 FLEXIBLE. BARE COPPER. |
| | INSULATION | EXPANDED POLYETHYLENE (PEE) |
| OVERALL STRANDING | FILLER | FILLER POLYPROPYLENE |
| | SEPARATIONLAYER | INTERMEDIATE TAPE NON-WOVEN TAPE |
| | SCREEN | SHIELD TAPE MYLAR INSIDE - ALLUMINIUM OUTSIDE 100 % ± 20 % |
| | SCREEN | SCREEN TINNED COPPER 60 % ± 5 % |
| | SEPARATIONLAYER | OVERALL TAPE NON-WOVEN TAPE |
| | SHEATH | PVC COMPOUND. |
| | SHEATH COLOUR | VIOLET , RAL: 4001, DESINA: YES |

PRODUCTS FEATURES



FIRE PERFORMANCE
VW-1(UL); FT1(CSA); IEC
60332-1-2(EU)



OIL PERFORMANCE
1581(UL); IEC 60811-404(EU); CEI
EN 50363-4-1(EU); ICEA S-82-552;
IRM 902

| TECO CODE | FORMATION | CAPACITANCE [NF/KM] | CUT | ROLLS [M] | DRUMS [M] | EXT Ø [MM] | WEIGHT [KG/KM] | INS. COLOUR EXC |
|-----------|---------------------|---------------------|-----|-----------|-----------|------------|----------------|-----------------|
| 11604 | (1X2XAWG22-19)SN-ST | 30 | ✓ | 100 | 500 | 8 | 65 | GREEN, RED |

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