

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**



**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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