



Reference: 13-DRX19Z05P
Country Ref.: 13-DRX19Z05P

CONTACT

Market information
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Profibus hybrid cable with PUR jacket for drag chain applications, shielded, oil resistant, flame retardant

STANDARDS

Product UL and CSA approval

Applications

Bus cable family facilitating interconnections for L2 BUS components.

Normative references

UL recognized / CSA approval

AWM 870°C - 30V

AWM 75°C - 30V FT1



Operating temp.
 -20 ... 80 °C



Storage temperature, range
 -30 ... 80 °C



Oil resistance
 EN 50363-10-2



Flame retardant
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS**Construction characteristics**

Construction type	(1x2x0.64/2.55)C+3G0.75
Insulation	Polyolefin
Material of filler / inner sheath	Thermoplastic material
Taping	Aluminium / Polyester tape
Shielding	80% tinned copper braid coverage
Separator	Non woven tape
Outer sheath	PUR
Sheath colour	Violet RAL 4001

Dimensional characteristics

Nominal outer diameter	9.5 mm
Copper content	50 kg/km
Approximate weight	114 kg/km

Electrical characteristics

Rated Voltage U ₀ /U	30 V
Test voltage	500 V
Characteristic impedance	- Ohm

Transmission characteristics

Attenuation at 9.6kHz	3 dB/1000m
Attenuation at 38.4kHz	4.5 dB/1000m
Attenuation at 4MHz	25 dB/1000m
Attenuation at 16 Mhz	49 dB/1000m

Mechanical characteristics

Bending cycles	5 Mio.
Speed	240 m/min
Maximum acceleration	20 m/s ²

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1