



### CONTACT

Market information  
[industryprojects.business@lynxgroup.com](mailto:industryprojects.business@lynxgroup.com)

Power supply single core cables for dynamic application with PVC Jacket, shielded, resistant to oils flame retardant

### STANDARDS

**Product** UL and CSA approval

Power single core oil-resistant shielded cables, UL-CSA approved, for dynamic laying

### Normative Reference

UL recognised / CSA Approval

AWM 80°C - 1000V  
 AWM 80°C - 1000V FT1

### **Flame Retardant:**

IEC 60332-1-2

FT1

UL 1581

EN 50265-2-1

### **Oil Resistance:**

IEC 50363-4-1



Operating temp.  
 -25 ... 80 °C



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



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



Oil resistance  
 EN 50363-4-1

## CHARACTERISTICS

## Construction characteristics

Conductor material	Bare copper
Insulation	PVC
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Black

## Electrical characteristics

Rated Voltage U <sub>0</sub> /U	1000 V
Test voltage	4000 V

## Mechanical characteristics

Maximum acceleration	10 m/s <sup>2</sup>
Speed	180 m/min
Minimum bending cycles	5 Mio.

## Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-25 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-4-1

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Conductor cross-section [mm <sup>2</sup> ]	Nominal outer diameter [mm]
☎ 10553123	13-EBW09X01R-N2	1x6.00 mmq	1x6.0	6	8.1
☎ 13-EBW03X01R-N2	13-EBW03X01R-N2	1x25.00 mmq	1x25	25	13.4
☎ 13-EBW05X01R-N2	13-EBW05X01R-N2	1x16.00 mmq	1x16	16	12.1
☎ 10553121	13-EBW07X01R-N2	1x10.00 mmq	1x10	10	9.6
☎ 10553129	13-EBWA2X01R-N2	1x70.00 mmq	1x70	70	21.0
☎ 10553128	13-EBWA1X01R-N2	1x50.00 mmq	1x50	50	17.6
📦 13-EBW02X01R-N2	13-EBW02X01R-N2	1x35.00 mmq	1x35	35	14.7
☎ 13-EBWA4X01R-N2	13-EBWA4X01R-N2	1x120.00 mmq	1x120	120	25.4
☎ 13-EBWA3X01R-N2	13-EBWA3X01R-N2	1x95.00 mmq	1x95	95	23.0

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	Construction type	Conductor cross-section [mm <sup>2</sup> ]	Nominal outer diameter [mm]
☎ 13-EBWB1X01R-N2	13-EBWB1X01R-N2	1x185.00 mmq	1x185	185	29.0
☎ 13-EBWA5X01R-N2	13-EBWA5X01R-N2	1x150.00 mmq	1x150	150	28.2

☎ = Make to order, 📦 = In stock,

## SELLING AND DELIVERY INFORMATION

Available also in Yellow/green