



Power supply multiconductor cables for dynamic applications with PVC jacket, shielded, resistant to oils, flame retardant, MTW.

### STANDARDS

**Producto** UL and CSA approval

### NORMATIVE REFERENCE

UL and CSA approval  
 AWM 80°C - 600V/1000V  
 AWM 80°C - 600V/1000V FT1  
 MTW 90°C - 600V

#### Oil resistance:

IEC 50363-4-1

#### Refrigerant oil resistance:

CNOMO E.03.40.150

NFT 46-013

#### Flame retardant:

IEC 60332-1-2

FT1

UL1581

EN 50265-2-1

### CONTACT

Market information  
 industryprojects.business@lynxéo  
 ogroup.com

**Availability with orange jacket type on request**



Temp. ambiente de utilización  
 -25 ... 80 °C



Temperatura de almacenamiento (rango)  
 -30 ... 80 °C



No propagación de la llama  
 IEC/EN 60332-1-2; FT1; UL 1581 FT1



Resistencia a aceites  
 EN 50363-4-1

## CHARACTERISTICS

## Características de construcción

Material del conductor	Stranded bare copper
Aislamiento	PVC
Taping	Soft tape
Insulation colour	Black w. number + yellow/green
Formación	Power cores stranded with filler
Shielding	80% tinned copper braid coverage
Cubierta exterior	PVC
Color de cubierta	Grey RAL 7001

## Características eléctricas

Rated Voltage Uo/U	0.6/1 kV
Test voltage	4000 V








## Características mecánicas



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

## Características de uso

Campo de aplicación	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Temperatura ambiente de utilización (rango)	-25 ... 80 °C
Temperatura de almacenamiento (rango)	-30 ... 80 °C
No propagación de la llama	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Resistencia a aceites	EN 50363-4-1
Refrigerant oil resistance	CNOMO E.03.40.150N; NFT 46-013

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Diámetro exterior nominal [mm]	Contenido de cobre [kg/km]
 10553127	13-EBW15G04R-C1	4x1.50 mmq	(4G1,5)C	10,9	100
 13-EBW15G07R-C1	13-EBW15G07R-C1	7x1.50 mmq	(7G1,5)C	12,7	150
 10553125	13-EBW13G04R-C1	4x2.50 mmq	(4G2,5)C	11,8	153
 10553126	13-EBW13G07R-C1	7x2.50 mmq	(7G2,5)C	14,7	226
 10553124	13-EBW11G04R-C1	4x4.00 mmq	(4G4)C	13,5	240
 13-EBW11G07R-C1	13-EBW11G07R-C1	7x4.00 mmq	(7G4)C	16,8	381
 10553122	13-EBW09G04R-C1	4x6.00 mmq	(4G6)C	16,6	340

 = Make to order,  = In stock,

Reference	Country Ref.	Name	Construction type	Diámetro exterior nominal [mm]	Contenido de cobre [kg/km]
☎ 13-EBW09G07R-C1	13-EBW09G07R-C1	7x6.00 mmq	(7G6)C	19,5	480
📦 10553120	13-EBW07G04R-C1	4x10.00 mmq	(4G10)C	21,0	546
☎ 13-EBW07G07R-C1	13-EBW07G07R-C1	7x10.00 mmq	(7G10)C	25,6	852
☎ 10553118	13-EBW05G04R-C1	4x16.00 mmq	(4G16)C	26,3	770
☎ 13-EBW05G07R-C1	13-EBW05G07R-C1	7x16.00 mmq	(7G16)C	31,5	1330
☎ 13-EBW03G04R-C1	13-EBW03G04R-C1	4x25.00 mmq	(4G25)C	28,9	1165
☎ 13-EBW02G04R-C1	13-EBW02G04R-C1	4x35.00 mmq	(4G35)C	31,4	1650
☎ 13-EBWA1G04R-C1	13-EBWA1G04R-C1	4x50.00 mmq	(4G50)C	38,6	2210
☎ 13-EBWA2G04R-C1	13-EBWA2G04R-C1	4x75.00 mmq	(4G75)C	48,7	3130

☎ = Make to order, 📦 = In stock,