



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

### STANDARDS

**Product** 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@lynxeogroup.com

Availability with orange jacket type on request



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	Stranded bare copper
Insulation	PVC
Taping	Soft tape
Insulation colour	Black w. number + yellow/green
Lay Up	Power cores stranded with filler
Shielding	80% tinned copper braid coverage
Outer sheath	PVC
Sheath colour	Grey RAL 7001

### Electrical characteristics

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

### Mechanical characteristics

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

### 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
Refrigerant oil resistance	CNOMO E.03.40.150N; NFT 46-013

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [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
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

= Make to order, = In stock,

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
☎ 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,