



**Reference:** 13-EBW11G07R-C1  
**Country Ref.:** 13-EBW11G07R-C1

**CONTACT**

Market information  
 industryprojects.business@lynxéogroup.com

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

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

Construction type	(7G4)C
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

## Dimensional characteristics

Nominal outer diameter	16.8 mm
Copper content	381 kg/km
Approximate weight	506 kg/km

## Electrical characteristics

Rated Voltage U <sub>0</sub> /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