



**Reference:** 10553120  
**Country Ref.:** 13-EBW07G04R-C1  
**EAN 13:** 8054803122546

## CONTACT

Market information  
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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

**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**

|                        |                                  |
|------------------------|----------------------------------|
| Construction type      | (4G10)C                          |
| 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 dimensionales**

|                           |           |
|---------------------------|-----------|
| Diámetro exterior nominal | 21,0 mm   |
| Contenido de cobre        | 546 kg/km |
| Peso aproximado           | 716 kg/km |

**Características eléctricas**

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