



### CONTACT

Market information  
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Power supply multiconductor cables for dynamic application with PVC jacket, unshielded, 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

UL 1581

EN 50265 - 2 - 1

#### Core identification

4x U/L1/C/L + V/L2 W/L37D/L - Yellow/Green  
 7 x Black numerated Yellow/Green



Operating temp.  
 -25 ... 80 ° C



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



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



Oil resistance  
 EN 50363 - 4 - 1

## CHARACTERISTICS

	Stranded bare copper
Taping	Soft tape
Insulation colour	Black w. number + yellow/green
Sheath colour	Grey RAL 7001
Rated Voltage U <sub>0</sub> /U	0.6/1 kV
Maximum acceleration	10 m/s <sup>2</sup>
Minimum bending cycles	5 Mio.
Speed	180 m/min
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
操作度范	- 25 ... 80 °C
Storage temperature, range	- 30 ... 80 °C
	IEC/EN 60332 - 1 - 2; FT1; UL 1581 FT1
Oil resistance	EN 50363 - 4 - 1

## PRODUCT LIST

Reference	Country Ref.	Name	Nominal outer diameter [mm]	Copper content [kg/km]
☎ 13 - ELW15G03R - C1	13 - ELW15G03R - C1	3x1.50 mmq 3G1,5	9.4	43
🏠 10553187	13 - ELW15G04R - C1	4x1.50 mmq 4G1,5	10.3	58
☎ 13 - ELW15G07R - C1	13 - ELW15G07R - C1	7x1.50 mmq 7G1,5	12.1	101
☎ 13 - ELW13G03R - C1	13 - ELW13G03R - C1	3x2.50 mmq 3G2,5	10.3	72
🏠 10553186	13 - ELW13G04R - C1	4x2.50 mmq 4G2,5	11.2	96
☎ 13 - ELW13G07R - C1	13 - ELW13G07R - C1	7x2.50 mmq 7G2,5	14.1	168
☎ 13 - ELW11G03R - C1	13 - ELW11G03R - C1	3x4.00 mmq 3G4	11.7	118
🏠 10553185	13 - ELW11G04R - C1	4x4.00 mmq 4G4	13.0	158
☎ 13 - ELW11G07R - C1	13 - ELW11G07R - C1	7x4.00 mmq 7G4	16.2	277
☎ 13 - ELW09G03R - C1	13 - ELW09G03R - C1	3x6.00 mmq 3G6	14.5	173
🏠 10553180	13 - ELW09G04R - C1	4x6.00 mmq 4G6	15.8	230
☎ 13 - ELW09G07R - C1	13 - ELW09G07R - C1	7x6.00 mmq 7G6	18.9	403
☎ 13 - ELW07G03R - C1	13 - ELW07G03R - C1	3x10.00 mmq 3G10	18.0	292
🏠 10553177	13 - ELW07G04R - C1	4x10.00 mmq 4G10	19.4	390
☎ 13 - ELW07G07R - C1	13 - ELW07G07R - C1	7x10.00 mmq 7G10	24.7	681
☎ 13 - ELW05G04R - C1	13 - ELW05G04R - C1	4x16.00 mmq 4G16	25.5	690
☎ 13 - ELW05G07R - C1	13 - ELW05G07R - C1	7x16.00 mmq 7G16	30.4	1075
☎ 13 - ELW03G03R - C1	13 - ELW03G03R - C1	3x25.00 mmq 3G25	25.5	720
☎ 13 - ELW03G04R - C1	13 - ELW03G04R - C1	4x25.00 mmq 4G25	28.2	960
☎ 13 - ELW02G03R - C1	13 - ELW02G03R - C1	3x35.00 mmq 3G35	28.0	1005

☎ = Make to order, 🏠 = In stock,

Reference	Country Ref.	Name	Nominal outer diameter [mm]	Copper content [kg/km]
☎ 13 - ELW02G04R - C1	13 - ELW02G04R - C1	4x35.00 mmq 4G35	30.6	1339
☎ 13 - ELWA1G03R - C1	13 - ELWA1G03R - C1	3x50.00 mmq 3G50	34.0	1440
☎ 13 - ELWA1G04R - C1	13 - ELWA1G04R - C1	4x50.00 mmq 4G50	37.5	1920
☎ 13 - ELWA2G03R - C1	13 - ELWA2G03R - C1	3x75.00 mmq 3G75	38.5	2160
☎ 13 - ELWA2G04R - C1	13 - ELWA2G04R - C1	4x75.00 mmq 4G75	47.4	2880
☎ 13 - ELW05G03R - C1	13 - ELW05G03R - C1	3x16.00 mmq 3G16	23.0	461

☎ = Make to order, 📦 = In stock,