



Power supply single core cables for dynamic applications with PUR jacket, unshielded, resistant to oils, flame retardant

STANDARDS

Product UL and CSA approval

Approval

UR AWM STYLE 10835 80°C 1000 V

Oil Resistance:

VDE 0472-803 Test B

Flame retardant:

IEC 60332-1

FT1

UL 1581

EN 50265-2-1

CONTACT

Market information
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Operating temp.
-30 ... 80 °C



Storage temperature, range
-40 ... 80 °C



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



Oil resistance
VDE 0472 part 803 B

CHARACTERISTICS

Construction characteristics

Conductor material	Bare copper
Insulation	Polyolefin
Taping	Non woven tape
Outer sheath	PUR
Sheath colour	Black

Electrical characteristics

Rated Voltage U ₀ /U	1000 V
Test voltage	3000 V

Mechanical characteristics

Maximum acceleration	25 m/s ²
Minimum bending cycles	5 Mio.
Speed	300 m/min

Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	7.5 (xD)
Operating temperature, range	-30 ... 80 °C
Storage temperature, range	-40 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	VDE 0472 part 803 B

PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Conductor cross-section [mm ²]	Nominal outer diameter [mm]
☎ U1400016809	U1400016809	SINGLE CORE MOVEPOWER 1x4	1x4	4	6.1
☎ U1600016809	U1600016809	SINGLE CORE MOVEPOWER 1x6	1x6	6	6.8
☎ U1B10016809	U1B10016809	SINGLE CORE MOVEPOWER 1x10	1x10	10	8.2
☎ U1B16016809	U1B16016809	SINGLE CORE MOVEPOWER 1x16	1x16	16	9.6
☎ U1B25016809	U1B25016809	SINGLE CORE MOVEPOWER 1x25	1x25	25	11.4
☎ U1B35016809	U1B35016809	SINGLE CORE MOVEPOWER 1x35	1x35	35	12.6
☎ 10555911	U1B50016809	SINGLE CORE MOVEPOWER 1x50	1x50	50	15.0
☎ 10555906	U1B70016809	SINGLE CORE MOVEPOWER 1x70	1x70	70	16.8
☎ 10555902	U1B95016809	SINGLE CORE MOVEPOWER 1x95	1x95	95	18.2

☎ = Make to order, 📦 = In stock,

Reference	Country Ref.	Name	Construction type	Conductor cross-section [mm ²]	Nominal outer diameter [mm]
☎ U1B120016809	U1B120016809	SINGLE CORE MOVEPOWER 1x120	1x120	120	21.3
☎ U1B150016809	U1B150016809	SINGLE CORE MOVEPOWER 1x150	1x150	150	22.6
☎ U1B185016809	U1B185016809	SINGLE CORE MOVEPOWER 1x185	1x185	185	26.4
☎ U1B240016809	U1B240016809	SINGLE CORE MOVEPOWER 1x240	1x240	240	28.8

☎ = Make to order, 📦 = In stock,