

## Leitungen nach ausländischen Normen / Cables according to foreign standards

### DLO 2kV

Tragbares Stromkabel 90°C UL CSA MSHA Industrial Grade  
Portable Power Cable 90°C UL CSA MSHA Industrial Grade



#### Verwendung:

- für den Gebrauch als Starkstromkabel
  - für feste und bewegte Installation
  - geeignet für Motoren, Generatoren, Batterien und Ueberbrückungskabel
  - geeignet für Tauchpumpen
  - Werft und Bahnanwendung
  - in erneuerbaren Energieanlagen verwendbar
- [INDEX:20201001SQ]

#### Aufbau:

- Ozon-, UV-, Öl-, Fett-, Wetter-, Wasser-, Abriebbeständiger Aussenmantel
- UL listed RHH/RHW-2 600 V and 2000V for black jacket
- Rated 2kV DLO, 1kV RW90
- 90°C (dry) 90°C (wet)
- Rated RW90-TC (Tray Cable) for sizes 1/0 AWG and larger

#### Application:

- Designed for uses requiring a flexible heavy duty power cables
  - For portable or fixed installations
  - Leads for motors, generators, batteries, jumper cables
  - Deep well Submersible Pump Cable
  - For use in renewable energy applications
  - Shipyard and railroad applications
- [INDEX:20201001SQ]

#### Construction:

- UL listed RHH/RHW-2 600 V and 2000V for black jacket
- Rated 2kV DLO, 1kV RW90
- 90°C (dry) 90°C (wet)
- Ozone, sunlight, oil, grease, weather, water, chemical and abrasion resistant jacket - Rated RW90-TC (Tray Cable) for sizes 1/0 AWG and larger
- MSHA, VW-1, SUN RES, FOR CT USE for sizes 1/0 AWG and larger and for black jacket
- LimitedSmoke (LS) ST1 in accordance with (UL) 1685
- CSA listed RW90, RW90-TC (for black jacket) 1kV

## Technische Daten:

Leiter Werkstoff	Kupfer flexible, verzinkt , B-172, ASTM B-33
Leiterklasse	
Aderisolationwerkstoff	EPR
Aderkennung	
Verseilung	
Außenmantelwerkstoff	Black heavy duty, thermoset CPE, ICEA S-95-658 NEMA WC70, AAR RP-586
Mantelfarbe	Schwarz
Nennspannung [V]	
Prüfspannung [V]	2000
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	min. 4xAD
kleinster Biegeradius bewegt [xd]	min 6xAD
Betriebstemp. fest min/max [C]	
Betriebstemp. bew. min/mac [C]	
Temperatur am Leiter max.	90°C
Brandverhalten	
Normen	UL: E193954 (CPE jacket) RHW-2 90°C wet and dry, VW-1, Sun Res, for 1/0 and larger ST-1, FT-4, IEEE1202, for CT use C(UL): E193954: TYPE RW90 EPR; 1000V; FT1 CSA: 1101269 LL103932: 205591; RW-90 90°C; FT1; FT4; -40C; for 1/OAWG and larger: OIL RES, Tray Cable, Sun Res MSHA: P-7268080-01-MSHA

## Technical Data:

Conductor Material	Flexible strand tin coated copper conductor, B-172, ASTM B-33
Conductor class	*
core insulation	EPR
core identification	*
stranding	*
outer sheath	Black heavy duty, thermoset CPE, ICEA S-95-658 NEMA WC70, AAR RP-586
sheath colour	Black
rated voltage [V]	*
testing voltage [V]	2000
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	min 4xOD
min. bending radius moved [xd]	min. 6xOD
working temp fixed min/max [C]	*
working temp moved min/mac [C]	*
temp at conductor max.	90°C
burning behaviour	*
Approvals	UL: E193954 (CPE jacket) RHW-2 90°C wet and dry, VW-1, Sun Res, for 1/0 and larger ST-1, FT-4, IEEE1202, for CT use C(UL): E193954: TYPE RW90 EPR; 1000V; FT1 CSA: 1101269 LL103932: 205591; RW-90 90°C; FT1; FT4; -40C; for 1/OAWG and larger: OIL RES, Tray Cable, Sun Res MSHA: P-7268080-01-MSHA

## Kontakt:

## Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
X-DLO-14	1 x AWG 14	4.9	0.00	3.70
X-DLO-12	1 x AWG 12	5.5	0.00	6.80
X-DLO-10	1 x AWG 10	6.3	0.00	10.00
X-DLO-8	1 x AWG 8	8.2	0.00	14.10
X-DLO-6	1 x AWG 6	9.2	0.00	19.90
X-DLO-4	1 x AWG 4	10.5	0.00	28.60
X-DLO-2	1 x AWG 2	12.4	0.00	36.90
X-DLO-1	1 x AWG 1	14.8	0.00	63.70
X-DLO-1/0	1 x AWG 1 / 0	16.3	0.00	71.40
X-DLO-2/0	1 x AWG 2 / 0	17.3	0.00	83.00
X-DLO-3/0	1 x AWG 3 / 0	19.8	0.00	110.40
X-DLO-4/0	1 x AWG 4 / 0	20.7	0.00	129.80
X-DLO-262	1 x 262 MCM	23.4	0.00	158.90
X-DLO-313	1 x 313 MCM	25.1	0.00	187.20
X-DLO-373	1 x 373 MCM	26.8	0.00	217.60
X-DLO-444	1 x 444 MCM	28.9	0.00	256.80
X-DLO-535	1 x 535 MCM	31.6	0.00	304.60
X-DLO-646	1 x 646 MCM	33.9	0.00	359.50
X-DLO-777	1 x 777 MCM	36.4	0.00	428.70
X-DLO-929	1 x 929 MCM	38.5	0.00	514.20
X-DLO-1111	1 x 1111 MCM	45.5	0.00	606.70