

Reeling Cable

Trex-Onics® Reduced Diameter Extra Heavy Duty Reeling Cable

Trex-Onics® Reduced Diameter Extra Heavy Duty Reeling Cable is ideal for reeling, cat tracks and theater/stage lighting. The strength of this cable is complemented with tinned conductors to provide a longer life in flexing and twisting applications. This reeling cable features a reinforced aramid braid embedded in the jacket rated at 1,800 lbs. tensile strength for tensile reeling applications. This cable also has TPE conductor insulation for a very low coefficient of friction and superior dielectrics.



Ratings



600V

Max Conductor Temperature 90°C

Cold Temperature Rating -40°C

Type TC-ER

FT1 Flame Rating

VW-1 Flame Rating

Suitable for Class I, II, Division 2***

Performance Characteristics

✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



Abrasion



Tension



Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Specially Compounded TPE Insulation

Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals.

High Flex Tape Separator

Improves performance in continuous flexing applications. Allows the conductors to move freely within the jacket reducing conductor failure.

Reinforcing Aramid Braid Embedded in Jacket

Reinforced with an aramid fiber braid for an additional 1,800 lbs. of tensile strength for reeling applications.

Specially Compounded Black TPE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
621012	10/12	20	0.990	689	55010
621024	10/24	18	1.355	1350	55014
621206	12/6	24	0.655	276	55007
621208	12/8	21	0.743	363	55008
621212	12/12	15	0.818	459	55009
621214	12/14	15	0.855	521	55009
621220	12/20	15	1.039	768	55010
621224	12/24	13	1.158	930	55011
621237	12/37	12	1.367	1358	55014
621250	12/50	10	1.523	1731	55014
621408	14/8	17	0.678	270	55007
621410	14/10	12	0.766	346	55008
621412	14/12	12	0.744	333	55008
621416	14/16	12	0.812	420	55009
621424	14/24	11	1.048	675	55010
621437	14/37	9	1.235	959	55011
621606	16/6	14	0.496	140	55004
621608	16/8	13	0.564	185	55005
621612	16/12	9	0.681	256	55007
621616	16/16	9	0.741	319	55008
621620	16/20	9	0.808	389	55009
621624	16/24	8	0.899	467	55010
621637	16/37	7	1.092	724	55010



Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 310.15(B)(16)

**Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application. Confirm NPT Fitting Size matches application.

***When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.