

Power Cable

Trex-Onics® Reduced Diameter Power Cable

Trex-Onics® Reduced Diameter Power Cable is designed for continuous flexing applications.

This flexible power cable features extra-fine conductor stranding and unique tubed construction, allowing the conductors to move freely and not bind. The security yellow TPE jacket is the first line of defense against tearing, abrasion, impact, oil, and most chemicals.



Ratings 600V Max Conductor Temperature 90°C Cold Temperature Rating -20°C AWM Style 2587 FT1 Flame Rating

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

Engineered to Resist Flexing Abrasion Chemicals

Features & Benefits

Finely Stranded Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage.

Specially Compounded TPE Insulation

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

High Flex Nylon Woven Wrap

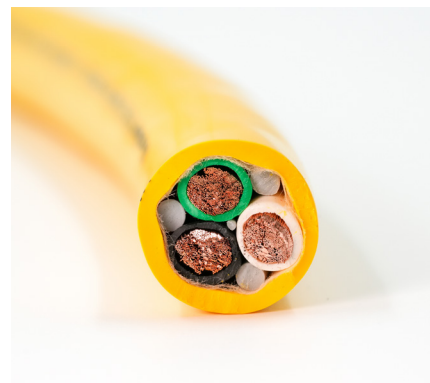
Improves performance in continuous flexing applications. Allows the conductors to move freely within the jacket reducing conductor failure.

Specially Compounded Security Yellow 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**
61843	4/3	95	0.945	672	55012
61823	2/3	130	1.160	1007	55013



Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 3.10.15(B)(16).

**Crip-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.