Power Cable

Super-Trex® Type W Yellow Portable Power & Automation Cable

Super-Trex® Type W/Type TC-ER Yellow Portable Power and Automation Cable is a highly flexible cable rated for extra-hard usage in industrial applications where impact, cutting, abrasion, oils, and chemicals are common. This Type W portable power and automation cable features an integral fill, dual-layered fiber-reinforced jacket and live-flex ribbed insulation for added strength. The security yellow TSE jacket provides excellent protection against pulling and twisting and allows for extreme all-weather flexibility.

Ratings 2000V | Max Conductor Temperature 90°C | Cold Temperature Rating -40°C | Type W | Type TC-ER | ICEA S-75-381 | FT-4 Flame Rating | FT-5 Flame Rating | Suitable for Class I, II, III, Division 1 & 2***

Performance Characteristics ✓ UV Resistant ✓ Extra Hard Usage ✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist Flexing | Abrasion | Impact | 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.

Live-Flex & Fluid Resistant Ribbed EPR Insulation
Ribbed to help prevent kinking and breakage due to twisting and flexing. Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals. Enhances tensile strength.

No-Wick Rayon-Reinforced Synthetic Center
Adds tensile strength. Improves flexibility and won't wick up liquids. Act like a shock absorber to reduce damage from impact.

Polyester Tire Cord Braid Embedded in Jacket with Integral Fill Design
Provides added strength. Improves cable resistance to tearing, abrasion, twisting and pulling. Locks the conductors into the jacket. Helps prevent cork screwing and premature conductor failure.

Specially Compounded Security Yellow Double Pass TSE Jacket
Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

Ordering Information

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

Part No.	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
85404	8/2	74	0.950	512	55010
85406	6/2	99	1.050	626	55010
85407	4/2	130	1.150	823	55011
85408	2/2	174	1.265	1,094	55011
85411	1/0-2	234	1.625	1,766	55015
85203	8/3	65	1.000	598	55010
85205	6/3	87	1.080	742	55012
85257	4/3	114	1.225	997	55011
85259	2/3	152	1.340	1,353	55014
85255	1/0-3	205	1.700	2,328	55015
85204	8/4	65	1.070	706	55010
85206	6/4	87	1.180	914	55011
85215	6/5	69	1.280	1,077	55011
85606	6/6	69	1.390	1,262	55014
85208	4/4	114	1.380	1,229	55014
85210	2/4	152	1.460	1,684	55014

Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 400.5(A)(2).

**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.

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