

Control/Instrumentation

Trex-Onics® Flat Festoon Cable

Trex-Onics® Flat Festoon Cable's unique design allows it to lay flat in a crane or hoist application to avoid the common issues caused by other types of cable.

This cable features a heavy-duty security yellow polyurethane jacket for defense against cutting, abrasion, oil, and chemicals. This cable also features finely stranded tinned copper conductors that extend conductor life in dynamic applications.

**Ratings**

600V

Max Conductor Temperature 105°C

Cold Temp Rating -40°C

Performance Characteristics

✓ Bend Radius (Static): 6x Cable Thickness ✓ Bend Radius (Dynamic): 8x Cable Thickness

Engineered to Resist

Flexing



Abrasion



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 Fluoropolymer Insulation

High dielectric, tensile, and mechanical properties. Offers superior resistance to lubricating oils, coolants, cutting oils, acids, and most chemicals.

Cut Grooves

Promote ease of stripping and termination.

Specially Compounded Security Yellow TPU Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, UV exposure, 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*	Dimensional Data (in.)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
61114	16/4	18	0.19" x 0.495"	94	55031
61118	16/8	12	0.19" x 0.87"	130	55038
61112	16/12	9	0.19" x 1.28"	198	55037
61148	14/8	17	0.204" x 1.010"	206	55035
61142	14/12	12	0.204" x 1.423"	287	55032
61124	12/4	30	0.22" x 0.605"	112	55034
61104	10/4	40	0.246" x 0.709"	210	55033
61164	6/4	75	0.350" x 1.13"	462	55036

**Notes**

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

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