

Bus/Data

# Trex-Onics® High Flex CC-Link Cable

Trex-Onics® CC-Link Cable is an industrial fieldbus cable suitable for use on Control and Communications Link (CC-Link) controllers where a more robust cable is required. It is designed specifically for applications where continuous flexing or motion control exists.

This cable features a foil-shielded triplet and 2 power conductors, all bundled within a heavy-duty tinned copper overall braid shield. This build provides excellent protection from electromagnetic and radio frequency interference. The flexible cable's PUR jacketing shows superior resistance against abrasion, tearing, oil, UV, and most chemicals.



**Ratings** 300V Max Conductor Temperature 90°C

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

**Engineered to Resist** Flexing Abrasion Chemicals

## Features & Benefits

<p><b>Finely Stranded Bare Copper Conductors</b></p> <p>Fine stranding improves flex-life and reduces conductor fatigue and breakage.</p>	<p><b>XLPE Insulation System: CC-Link Triplet</b></p> <p>High dielectric, tensile, and mechanical properties. Designed to support the electrical characteristics required for CC-Link cabling.</p>	<p><b>Aluminum/Polyester Foil Shielded Triplet</b></p> <p>Provides 100% protection against EM and RF interference.</p>	<p><b>Overall Tinned Copper Braid Shield</b></p> <p>Provides 100% protection against EM and RF interference and a low impedance path to ground.</p>	<p><b>Specially Compounded Security Yellow TPU Jacket</b></p> <p>Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, UV exposure, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.</p>
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**Ordering Information** For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Communication Conductor (AWG/No. Pairs)	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
SC137519	20/3 SHLD-TRI + 18/2 W/OS	0.416	120	55002



## Notes

\*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.