

Northwire ruggedized control and instrumentation cable for harsh environments designed to meet CSA CIC and CIC-TC agency requirements

- New Factory Installation
- Industrial Equipment
- Machine Tool Equipment
- Servo Motors
- Oil Drilling and Refining
- Variable Frequency Drives (VFD)

Attributes	CSA CIC	CSA CIC-TC
Definition	Control and Instrumentation Cable	Control and Instrumentation Cable - Tray Cable
AWG Range	20-16 AWG	20-16 AWG
Conductor Range	2+	2+
Insulation Type	XLPE, PVC, PVC/Nylon	XLPE
Insulation Thickness	.015”-.045”	.015”-.045”
Jacket Type	TPE	TPE
Jacket Thickness	.045”+	.045”+
Low Temp Impact	-	-40°C*
Cold Bend	-40°C*	-40°C*
Flame Rating	FT4, FT1	FT4, FT1
Oil Res	Oil Res I	Oil Res I
Weathering (1,000 hr Xenon Arc - Cold Bend -30°C)	Bend test, no cracks	Bend test, no cracks
Weather Resistance (1,000 hr Xenon Arc)	-	80% tensile strength & elongation retention
Mechanical Damage Impact (immediate release)	-	1,000 lb.
Mechanical Damage Crush (60 seconds)	-	1,000 lb.

*If cold temp must be printed on the jacket, construction must meet both impact and bend