



5 COLD WEATHER Cable Installation Tips

Here are some best practices for installing cable in low temperatures:

1. Cable should be installed in temperatures 15°C above the minimum cold bend temperature rating.
2. Store cable in a temperature-controlled warehouse for 24 hours immediately before the installation.
3. Cables need to be **handled with care and not dropped, kinked, or bent roughly.**
4. **Pull cables** slowly, use large sheaves and lubes suitable for cold temperatures.
5. Always follow manufacturers' recommendations for installing cable in low temperatures.

Download Temperature Ratings Wire Wisdom to learn more.

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> Here are the cold bend ratings of some popular wires and cable products:

Product Type	Cold Bend Temperature Rating °C (°F)	Optional Cold Bend Temperature Ratings °C (°F)
UL 44 Thermoset Insulated Wire and Cable	-25, (-13)	-40, (-40)
UL 444 Communication Cables	-20, (-4)	N/A
UL 62 Flexible Cords and Cable	-20, (-4)	"W"-Marked Cords (i.e SOOW) -40, -50, -60, -70. (-40, -58, -76, -94)
UL 83 Thermoplastic Insulated Wire and Cable	-25, (-13)	-40
UL 1277 Tray Cables	-25, (-13)	N/A
UL 1072 Medium Voltage Cables	-35, (-31)	N/A
UL 1569 Metal Clad Cables	-25, (-13)	N/A

Note: The following table lists the minimum cold bend temperatures per UL standards. Optional ratings are available if the cable passes the UL testing requirements. Always consult with manufacturers on the minimum cold bend temperature ratings on various products.