



COLDflex Ground Cable™

Technical Information:

COLDflex Ground Cable™ product line is specifically designed for flexible, low-temperature ground cable applications. Tested for cold weather flexibility down to -40°C, COLDflex Ground Cables are UV resistant and have operating voltages up to 5kV.

Manufactured using highly stranded bare copper conductors, COLDflex Ground Cable™ standard conductor sizes and constructions are listed below. Ultra flexible stranded conductors are also available in a variety of conductor materials. Please contact our design team for more specific information or to discuss your specific requirements.

Our high performance compounds are specifically formulated for use where cold weather flexibility, UV resistance and high dielectric strength are required. Standard jacket colors include: white, black, red, green, yellow, blue, brown, orange, gray and violet. Custom colors and printing are available upon request.

Product Advantages:

- Tested for cold weather flexibility down to -40°C,
- UV Resistant
- Operating voltages up to 5kV
- High dielectric strength
- Standard bare copper conductors; also available in a variety of other conductor materials
- Standard sizes 250 kCMA - 4 AWG - Other sizes available upon request
- Available in 10 standard colors
- Standard and custom surface printing available

Part Number	Conductor Information			Insulation Information			Breakdown Voltage	Cable Weight
	AWG Size	Stranding	Nom OD	Thickness	OD	Tolerance		
N48-30B-802	250 kCMA	2499/30	0.635"	.085"	0.805"	+/- .020"	>45 kV	871.8 #/kft
N48-30B-803	4/0 AWG	2121/30	0.585"	.085"	0.755"	+/- .020"	>45 kV	746.3 #/kft
N48-30B-755	3/0 AWG	1680/30	0.521"	.085"	0.691"	+/- .020"	>45 kV	599.2 #/kft
N48-30B-756	2/0 AWG	1344/30	0.466"	.085"	0.636"	+/- .020"	>35 kV	488.5 #/kft
N48-30B-757	1/0 AWG	1071/30	0.416"	.085"	0.586"	+/- .020"	>35 kV	394.3 #/kft
N48-30B-701	2 AWG	665/30	0.319"	.065"	0.449"	+/- .016"	>20 kV	240.9 #/kft
N48-30B-650	4 AWG	413/30	0.251"	.065"	0.381"	+/- .016"	>20 kV	156.0 #/kft

- Notes:
- Standard conductors are made with 30 AWG bare copper strands, tinned copper available upon request
 - Conductor OD determined when the cable is under tension during extrusion process. Please request a sample for evaluating prior to making decisions regarding connectors to be used with these cables.
 - Insulation color determined by customer requirement.

No longer will extreme temperatures present a problem for your ground cable installers. Call today and talk with one of our design experts so we can get started on your project!