

3CGM Military Wire

Irraflex™ P / Neoprene JKT

600V, -55°C to +125°C

PRODUCT CODE: 3CGM
Reference: 10626721

Application

This wire is constructed with a flexible insulation material covered with a very flexible, yet durable jacket. It meets the U.S. Army requirements for armored vehicles. It is also inherently flame resistant having excellent oil and fluid resistance.

Conductor

Tin Coated Copper

Insulation

Irraflex™ Primary

Jacket

Neoprene Jacket

Military Ground

Product Number	Conductor Size (AWG)	Stranding	Conductor Diameter Nom. (Inch)	Insulation Thickness Nom. (Inch)	Jacket Diameter (Inch)	Approximate Weight lbs/1000ft.
3CGM - C - 8	8	133/29	.175	.020	.310	83.0
3CGM - C - 6	6	133/27	.215	.020	.355	115.0
3CGM - C - 4	4	133/25	.270	.027	.415	179.0
3CGM - C - 2	2	665/30	.340	.030	.495	269.0
3CGM - C - 1	1	836/30	.380	.030	.540	329.0
3CGM - C - 0	0	1045/30	.430	.032	.620	460.0
3CGM - C - 00	00	1330/30	.500	.032	.650	528.0
3CGM - C - 000	000	1666/30	.535	.035	.700	628.0
3CGM - C - 0000	0000	2107/30	.590	.035	.800	829.0
3CGM - C - 250	250	2499/30	.715	.035	.860	980.0

Conductor: Soft annealed tin coated copper, stranding as listed in the above table.

Insulation: Extruded layer of Irraflex insulation with a wall thickness as listed in the above table.

Jacket: Extruded layer of Neoprene with a wall thickness as required to meet the diameter listed in the above table.

Approvals and Ratings:

10626721

125°C Conductor Temperature, 600 volt

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