




Scope: This specification details a special purpose 4 AWG flexible cable. It is rated for 125°C and 2,000 volts (RMS) maximum continuous use.

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>DIAMETER</u>
Center Conductor:	Material: Tin Plated Copper Size: 4 AWG, 133 x 25	0.260" Nom.
Inner Dielectric:	Material: Extruded FEP Wall Thickness: .030" Nom. Color: Natural	0.324" Nom.
Conducting Shield:	Material: Four Layers Tin Plated Copper Braid Size: 34 AWG (9 ends per carrier x 24 carriers x 4 layers = 864 ends total)	0.430" Nom.
Outer Dielectric:	Material: Extruded FR TPR Wall Thickness: .048" Nom.	0.526" Nom.
Ground:	Material: Three Layers Tin Plated Copper Braid Size: 34 AWG (12 ends per carrier x 24 carriers x 3 layers = 864 ends total)	0.606" Nom.
Jacket:	Material: Extruded FR TPR Wall Thickness: .048" Nom. Color: Black	0.700" Nom.
Specifications:	Voltage Rating: 2,000 Volts (RMS) Temperature Rating: 125°C Maximum Continuous, (200°C Inner Dielectric) Weight: 513 Lbs/1,000' Nom.	

REVISION # / APPROVED BY / DATE 01 / MHO / 09-21-2006 Added braid detail. 02 / MHO / 10-03-2006 Added inner dielectric color.	DRAWN: Mark Osterhout 09/14/06	 <i>A member of The Marmon Group of companies.</i> 2584 South Horseshoe Drive Naples, FL, 34104-6195 Ph: 239-643-6400 Fx: 239-643-4230  ISO 9001-2000 Registration Number A4725
	CHECKED: 	
	APPROVED:	
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