



# 1/0 AWG 1/C 8kV 100% MARINE

CONDUCTOR:	1/0 AWG 266W ROPE BUNCHED TINNED COPPER.	<u>TYPICAL</u> OD: 0.409"
CONDUCTOR SHIELD:	SEMI-CONDUCTING TAPE, HELICALLY APPLIED AND LAPPED, AND APPX 15 MILS OF EXTRUDED SEMI-CONDUCTING THERMOSETTING COMPOUND.	OD: 0.456
INSULATION:	115 MILS (MIN. AVG.) OF ETHYLENE PROPYLENE RUBBER (EPR).	OD: 0.693"
INSULATION SHIELD:	24 MILS (MIN. PT.) OF EXTRUDED SEMI-CONDUCTING THERMOSETTING COMPOUND AND A SEMI-CONDUCTING TAPE, HELICALLY APPLIED AND LAPPED	OD: 0.752"
BRAID SHIELD:	COMPOSITE BRAID OF .0126" TINNED COPPER WIRES AND COLORED NYLON YARN PROVIDING A MINIMUM OF 60% COPPER COVERAGE.	OD: 0.792"
SEPARATOR:	POLYESTER TAPE, HELICALLY APPLIED AND LAPPED.	
JACKET:	80 MILS (MIN. AVG.) OF BLACK HEAVY DUTY CHLORINATED POLYETHYLENE (CPE).	OD: 0.965"
VOLTAGE RATING:	8000 VOLTS	
APPX WEIGHT:	681 POUNDS PER 1000 FEET.	

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	DIMENSIONAL TOLERANCE +/- 5%		SCALE NTS	ENGINEERING APPROVAL Michael Hammons	DATE 01/30/12
	DRAWING NUMBER 37105122X		REV 0	CUSTOMER APPROVAL <i>[Signature]</i>	DATE