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ATLAS WIRE CORPORATION
REGISTERED TO ISO9001:2000
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

**#06 133/27 TINNED COPPER 4/64" PVC
RoHS COMPLIANT**

**MTW 600v N.E.C. STANDARD or BOAT CABLE-5W2 or
AWM 1283/1232/1015/1337/1346 600v or AWM 1032 1000v VW-1
CSA TEW 105c 600v or AWM I A/B OIL & WATER RESISTANT 75c FT-1**

CONDUCTOR:	#06 7x19/27 TINNED COPPER CONDUCTOR
	APPROXIMATE NOMINAL O.D. .213"
	APPROXIMATE CIRCULAR MILL AREA 26,818
	WEIGHT PER THOUSAND FEET 83.39#
	BASIC SPECIFICATION ASTM B 173
PVC:	TEMPERATURE RATING 105c
	VOLTAGE RATING 600v
	ELONGATION 320% AVERAGE
	SPECIFIC GRAVITY 1.34
	DUROMETER (SHORE) 85 (A)
	TENSILE STRENGTH 2450 PSI AVERAGE
	OXYGEN INDEX 25
	BRITTLE POINT -25c
	SPARK TESTED 12,500 VOLTS
	FINISHED O.D. .334"
	WEIGHT PER THOUSAND FEET 115.30#
USE:	INTERNAL WIRING OF APPLIANCES OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. OIL & MOISTURE RESISTANT 75c.
	UL 1283, 1015 - 2,500v PEAK FOR ELECTRONIC USE ONLY
	UL 1232, 1337 - MOISTURE RESISTANT 60c
	UL 1346 - MOISTURE RESISTANT 75c
	UL 1032 - 3,500v PEAK FOR ELECTRONIC USE ONLY