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**MATERIAL SPECIFICATION SHEET**

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

**(UL) BOAT CABLE BC 5W2 600v OR MTW 600v OR  
 AWM STYLES 1283/1232/1015/1337/1346 105c 600v OR  
 AWM 1032 90c 1000v VW1 CSA TEW 600v FT1 OR  
 AWM I A/B 105c 600v OIL & WATER RESISTANT 75c FT1  
 UL FILE # E215651**

**CONDUCTOR:** #06 133/27 TINNED COPPER CONDUCTOR  
 APPROXIMATE NOMINAL O.D. .210"  
 APPROXIMATE CIRCULAR MILL AREA 26,068  
 NOMINAL WEIGHT PER 1,000 FEET 81.00#  
 BASIC SPECIFICATIONS (as applicable) ASTM B 33  
 ASTM B 173  
 ASTM B 174

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 1,000v  
 ELONGATION 320% AVE  
 TENSILE STRENGTH 2450 PSI AVE  
 SPECIFIC GRAVITY 1.34  
 DUROMETER (SHORE) 85 (A)  
 OXYGEN INDEX 26.5  
 BRITTLE POINT -25c  
 SPARK TESTED 12,500v  
 FINISHED O.D. .334"  
 WEIGHT PER THOUSAND FEET 111.62#

**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

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