

**US WIRE AND CABLE**  
**33 QUEEN STREET**  
**NEWARK, NJ 07114**

**PRODUCT SPECIFICATION**

**CABLE DESIGNATION:** 18/3 SJTOW 105C  
**CUSTOMER PART** SJT1803OW-0/105C  
VOLTAGE RATING: 300  
AMPERAGE RATING: 10

**CONDUCTOR**

AWG 18  
STRANDING 16/30  
LAY 1 INCH  
MATERIAL BARE

**INSULATION**

MATERIAL PVC  
THICKNESS .030 "  
DUROMETER "A" 89  
TEMP. RATING PLUS 105 C MINUS 40 C  
COLOR CODE BLACK-WHITE-GREEN  
DIAMETER NOM. .110 "

**JACKET** BLACK

MATERIAL PVC  
THICKNESS AVG. .030 "  
DUROMETER "A" 80  
TEMP. RATING PLUS 105 C MINUS 40 C  
FLAME RATING VW-1  
OIL RESISTANCE YES  
WEATHER RESISTANCE YES

**CONSTRUCTION DETAIL**

NUMBER OF CONDUCTORS 3  
SEPARATOR TISSUE  
FILLER PAPER / NYLON  
OVER ALL DIAMETER NOM. .320 "  
IDENTIFICATION SURFACE INDENT  
LEGEND UL E111452 18/3 SJTOW 105C 300V VW-1 WATER RESITANT  
CSA LL-81601 18 AWG (0.824 MMsq) / 3 SJTOW 105C 300V FT2  
PUT - UP 6,000 FT 30 INCH REEL

ISSUED BY:

**APPROVALS** **COMPLIANT**  
UL CSA RoHS REACH

FRANK LIMALDI  
5/21/2013