

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

**PRODUCT SPECIFICATION**

**CABLE DESIGNATION:** 18/5 SJTOW 105C SJT18050W-0/105C-B

VOLTAGE RATING: 300  
AMPERAGE RATING: 5.6

**CONDUCTOR**

AWG 18  
STRANDING 16/30  
LAY 1INCH  
MATERIAL BARE

**INSULATION**

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

**JACKET** BLACK

MATERIAL PVC  
THICKNESS .030"  
DUROMETER "A" 80A  
TEMP. RATING PLUS 105C MINUS 40C  
FLAME RATING FT-2  
OIL RESISTANCE YES  
WEATHER RESISTANCE YES

**CONSTRUCTION DETAIL**

NUMBER OF CONDUCTORS 5  
SEPARATOR TISSUE  
FILLER 1 PLACED CENTER  
OVER ALL DIAMETER .380' - .390"  
IDENTIFICATION SURFACE INDENT  
LEGEND UL (UL) E-111452 18/5 SJTOW 105C 300V FT-2  
LEGEND CSA CSA LL-81601 18 AWG ( 0.824 MM2 ) / 5 SJTOW 105C 300V FT-2  
PUT-UP 2,500 FT 24 INCH REEL

ISSUED BY:

**APPROVALS**  
UL-CSA-ROHS-REACH

FRANK LIMALDI  
10/13/2009

