

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

**PRODUCT SPECIFICATION**

**CABLE DESIGNATION:** 18/4 SJTOW 105C JT845SOW

VOLTAGE RATING: 300  
AMPERAGE RATING: 7

**CONDUCTOR**

AWG 18  
STRANDING 16/30  
LAY 1 INCH  
MATERIAL BARE

**INSULATION**

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

**JACKET** BLACK

MATERIAL PVC  
THICKNESS AVG. .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 4  
SEPARATOR PAPER  
FILLER NONE  
OVER ALL DIAMETER .355".360"  
IDENTIFICATION SURFACE INDENT  
LEGEND UL (UL) E-111452 18/4 SJTOW 105C 300V FT-2  
LEGEND CSA CSA LL-81601 18 AWG ( 0.824 MMsq ) / 4 SJTOW 105C 300V FT-2  
PUT-UP 3,000 FT 24 INCH PLYWOOD

ISSUED BY:

**APPROVALS**

UL-CSA ROHS-REACH COMPLIANT

FRANK LIMALDI

2/23/2010

