

# US WIRE AND CABLE

33 QUEEN STREET  
NEWARK, NJ 07114

## PRODUCT SPECIFICATION

**CABLE DESIGNATION:** 18/3 SJTOW 105C SJT18030W-0/105C-G

VOLTAGE RATING: 300  
AMPERAGE RATING: 10

### CONDUCTOR

AWG 18  
STRANDING 16/30  
LAY 1 INCH  
MATERIAL BARE

### INSULATION

MATERIAL PVC  
THICKNESS .030"  
DUROMETER "A" 80 A  
TEMP. RATING PLUS 105 C MINUS 40 C  
COLOR CODE BLACK-WHITE-RED  
OVERALL NOM. .110"

### JACKET

BLACK

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

### CONSTRUCTION DETAIL

NUMBER OF CONDUCTORS 3  
SEPARATOR TISSUE  
FILLER NONE  
OVER ALL DIAMETER NOM. .360"  
IDENTIFICATION SURFACE INDENT  
LEGEND UL (UL) E-111452 18/3 SJTOW 105C 300V VW-1  
LEGEND CSA CSA LL-81601 18 AWG ( 0.824 MMsq ) / 3 SJTOW 105C 300V FT2  
PUT-UP 5,000 FT 24 INCH REELS

ISSUED BY:

### APPROVALS

UL-CSA ROHS-REACH COMPLIANT

FRANK LIMALDI

9/30/2010

