

UNIFIED WIRE & CABLE , INC.
DEKALB, ILLINOIS 60115

SPECIFICATION SHEET
PN:121BTHHN-X
12 SOLID BC THHN/THWN/AWM CSA T90 NYLON FT-1
REACH/ROHS COMPLIANT

COPPER: 12 SOLID BC COPPER SOFT DRAWN

BASIC SPECIFICATION ASTM B 3-03
.081 NOMINAL DIAMETER (INCHES)
APPROXIMATE CIRCULAR MIL AREA 6530

PVC INSULATION: .015 MIL MIN AVG WALL THICKNESS .013 MIL MIN AT ANY POINT
THHN DRY RATED AT 90C 600 VOLTS
THWN DRY RATED 90C, 75C IN WET LOCATIONS

NYLON .004 MIN AVG WALL THICKNESS

AMPACITY: 20 AMPS (AS SPECIFIED IN THE NATIONAL ELECTRICAL CODE)

FINISHED O.D: .122 NOMINAL DIAMETER (+/- .002)

PACKAGING: REELS OR DRUMS

USAGE AS THHN/THWN: SUITABLE FOR OPERATION AT 600 VOLTS AS SPECIFIED IN THE NATIONAL ELECTRIC
CODE AT CONDUCTOR TEMPERATURES NOT TO EXCEED 60 C WHEN EXPOSED TO OIL
OR COOLANT. GASOLINE AND OIL RESISTANT II

USAGE AS AWM UL 1316 RATED 105C 600 VOLTS, GASOLINE RESISTANT, OIL RESISTANT 60C
UL 1452 RATED 90C 1000 VOLTS, SUITABLE FOR IMMERSION IN GASOLINE. IMMERSION
IN OIL AT 60C. INTERNAL WIRING OF APPLIANCES, 3500 VOLTS PEAK FOR ELECTRONIC
USE ONLY.