

10-21-13 REV. 0

C5507

I. DESCRIPTION

TECK90 CABLE: 9 CONDUCTORS - 14 (7X22) AWG BARE COPPER
CONDUCTORS, XLPE INSULATION, 14 (7X22) BARE COPPER GROUND,
FILLER AS REQUIRED, INNER PVC JACKET, ALUMINUM INTERLOCKED
ARMOR, OUTER PVC JACKET

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 600 V RMS
NOM. CONDUCTOR DC
RESISTANCE @ 20C: 2.52 OHMS/1000FT
MAX CONTINUOUS CURRENT
PER CONDUCTOR @ 30C: 17.5 A

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -40 TO +90C
INSULATION MATERIAL: XLPE
JACKET MATERIAL: PVC, SUNLIGHT RESISTANT,
DIRECT BURIAL

SHIELD TYPE - COVERAGE: NONE
NOM. DIA. OVER INNER JACKET: .618"
NOM. DIA. OVER ARMOR: .843"
NOM. DIA OVERALL: .939"
MIN. BEND RADIUS: 11.3"
MAXIMUM PULLING TENSION: 340 LBS.
NOM. WEIGHT/1000 FT.: 200 LBS/1000 FT
COLOR CODE: ICEA METHOD 4 (BLK/#)
APPLICABLE SPECIFICATION: CSA C22.2 #131 - TECK90
CSA C22.2 #174 -
HAZARDOUS LOCATIONS
FLAME RESISTANCE: CSA FT4 VERTICAL TRAY
(70,000 BTU/HR)