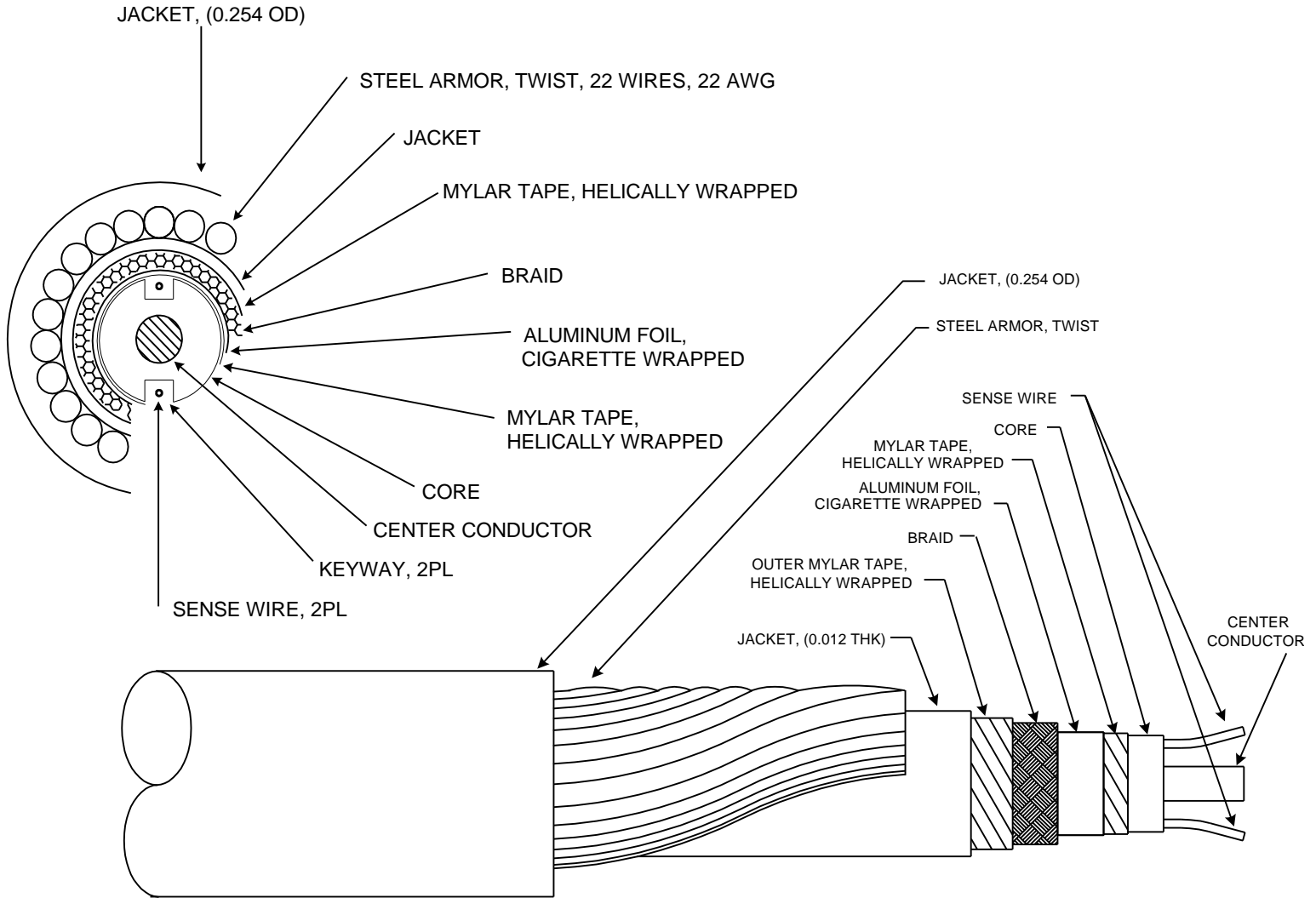


PRODUCT PROFILE # 521

Armored MicroPoint Cable Model MC315 Characteristics



PHYSICAL CHARACTERISTICS:

JACKET ----- HIGH DENSITY POLYETHYLENE
 BLACK, WITH UV STABILIZER, 0.254 OD.

OUTER MYLAR TAPE ----- CLEAR MYLAR, 50% OVERLAP, NEPTCO #M100
 HELICALLY WRAPPED 0.00048 THK x 5/8" WIDE

BRAID ----- STRAND ----- TINNED COPPER, 36 AWG, 0.0050 DIA
 CARRIERS ----- 16
 ENDS ----- 7
 PICKS ----- 11/INCH
 COVERAGE ----- 95.2%

ALUMINIUM FOIL ----- FOIL-MYLAR-FOIL CONSTRUCTION, 0.001 THICK FOIL x 2, 0.00092 MYLAR,

MYLAR TAPE ----- HELICALLY WRAPPED 0.00048 THK x 0.500 WIDE
 BLUE MYLAR, 50% OVERLAP, NEPTCO #M50

CORE ----- HIGH DENSITY POLYETHYLENE
 WITH KEYWAYS ON OPPOSING SIDES.

CENTER CONDUCTOR ----- TINNED SOLID COPPER, 18AWG, 0.040 DIA.

SENSE WIRES ----- TINNED COPPER, 19 STRANDS OF 42 GAUGE

TEMPERATURE RANGE ----- -40°C TO +70°C.

MINIMUM BENDING RADIUS ----- 2.5 INCHES.

WEIGHT ----- WEIGHT PER FOOT 0.076 POUNDS, (0.035 KILOGRAMS).

ARMOR ----- 22 WIRES. 22 AWG STEEL. TWISTED