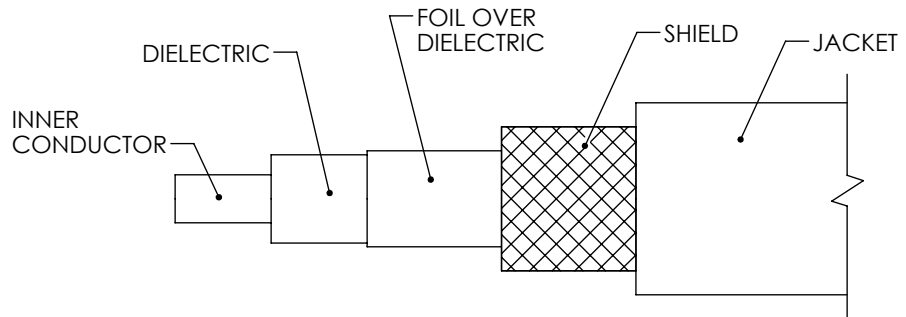
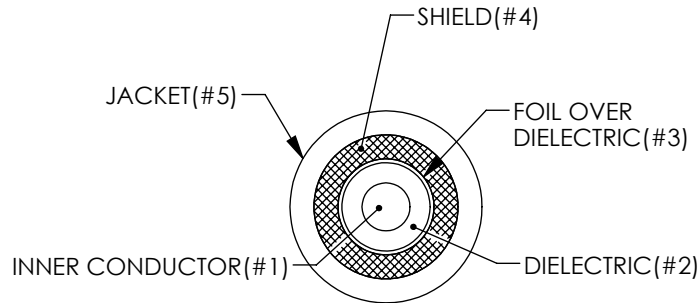


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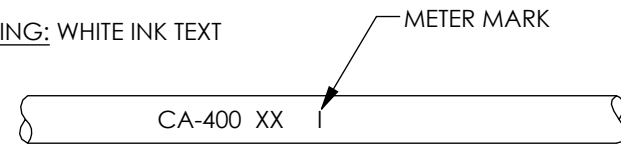
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	6/22/09	M.AUDAS
B	HL-4077: ADDED BULK REAL REQ. NOTES	6/22/09	M.AUDAS
C	ECN 5077: REVISED JACKET TO UV RESISTANT POLYETHYLENE, NEW FORMAT	10/12/10	D.FRISIELLO
D	ECN5169: INNER CONDUCTOR MATERIAL WAS SOLID COPPER	11/29/10	DFP



CONSTRUCTION SPECIFICATIONS

DESCRIPTION	MATERIAL	Ø (mm/IN)
1. INNER CONDUCTOR	COPPER CLAD ALUMINUM	2.74/0.108
2. DIELECTRIC	PHYSICAL FOAM POLYETHYLENE	7.24/0.285
3. FOIL OVER DIELECTRIC	ALUMINUM FOIL/POLY TAPE	7.39/0.291
4. SHIELD	TINNED COPPER BRAID	8.13/0.320
5. JACKET	BLACK UV RESISTANT POLYETHYLENE	10.29/0.405

MARKING: WHITE INK TEXT



"XX" TO BE UPPER CASE, FIRST (2) LETTERS OF APPROVED MANUFACTURER'S NAME BEFORE METER MARK.

NOTES:

ELECTRICAL CHARACTERISTICS:

CAPACITANCE: 77.1 pF/m NOM.

IMPEDANCE: 50 OHMS

VELOCITY: 85%

INNER CONDUCTOR DC RESISTANCE: 2.92 OHM/km

OUTER CONDUCTOR DC RESISTANCE: 5.41 OHM/km

SHIELDING EFFECTIVENESS: >90 dB

CUT OFF FREQUENCY: 16.2 GHz

PEAK POWER: 16 KW

BULK REEL REQUIREMENTS

CABLE PACKAGED ON BULK REELS (EX. 500 FT REEL, 1000 FT REEL) SHALL BE ONE CONTINUOUS PIECE OF CABLE. USING INDIVIDUAL CABLE SPLICES TO MAKE A REQUIRED BULK REEL LENGTH IS NOT ACCEPTABLE.

MECHANICAL AND ENVIRONMENTAL

CHARACTERISTICS:

MINIMUM BEND RADIUS: (mm/IN) 51/2.0

OPERATING TEMPERATURE: -40° C TO +80° C.

TENSILE STRENGTH: (kg/lb) 72.6/160

CABLE WEIGHT (kg/m) .099
(lb/ft) .068

RoHS Compliant ✓

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] DIMENSIONAL TOLERANCES: .X = ±.1 .XX = ±.01 .XXX = ±.005 ANGULAR TOLERANCES: ALL = ± 1° PROJECTION 	APPROVALS	DATE	Global Connectivity 45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
	DRAWN BY D.FRISIELLO	9/21/10		
	CHECKED BY K.BURGNER	9/21/10	CATEGORY COAXIAL	
	APPROVED BY K.BURGNER	9/21/10	PRODUCT DESCRIPTION CA-400 SERIES LOW LOSS COAXIAL CABLE	
COLOR VARIATIONS MAY OCCUR	SIZE A	FSCM NO. 43321	DWG. NO. CA-400	REV. D
	SCALE: NONE		CAD FILE: CA-400.SLDDRW	SHEET 1 OF 1