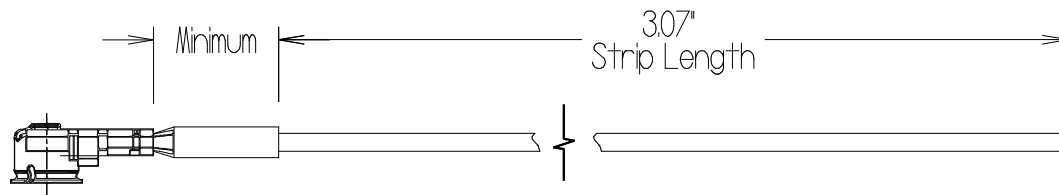


## Strip Length for KDRC Module Antenna

Amphenol RF No. A-IPA-113-300B2



Note:  
Strip outer insulation and shield only

50 Ohm, 3.07" long 1/4 wave, 916 MHz, 32 gauge insulated wire whip w/ with 1.13mm diameter MHF connector.

Amphenol RF No. A-IPA-113-300B2 cut to length w/3.07" shield striped from non-connector end to produce antenna portion.

Company: Kadee Quality Products

Title: 090928 Print for MCX coax strip quote

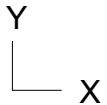
Drawn By: MND

Sect:

Date: 09/28/2009

Scale: n/a

No:



CONNECTOR BODY: PHOSPHOR BRONZE, SILVER PLATED (.08u MIN.) OVER COPPER (1-2u)  
CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED (0.2u MIN.) OVER NICKEL (2-3u)  
CONNECTOR INSULATOR: PBT  
CABLE JACKET: FEP  
CABLE DIELECTRIC: FEP  
CABLE CENTER CONDUCTOR: 32AWG ANNEALED COPPER WIRE STRANDED, SILVER PLATED  
CABLE OUTER CONDUCTOR: ANNEALED COPPER WIRE BRAID, SILVER PLATED

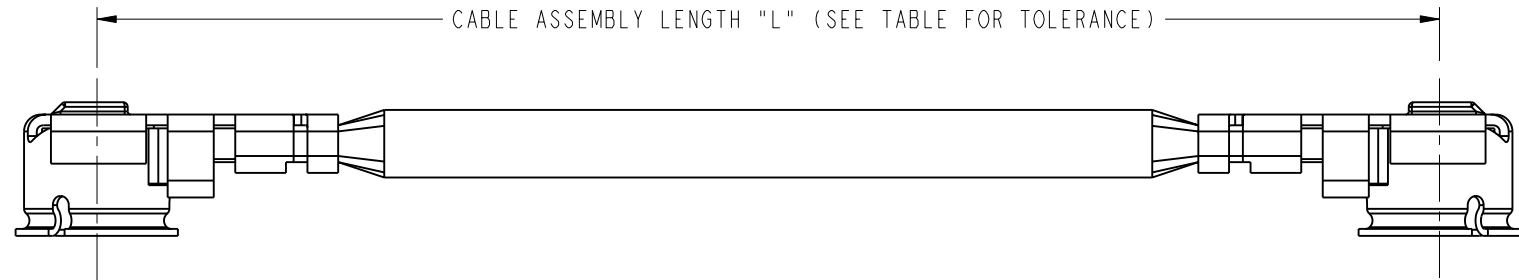



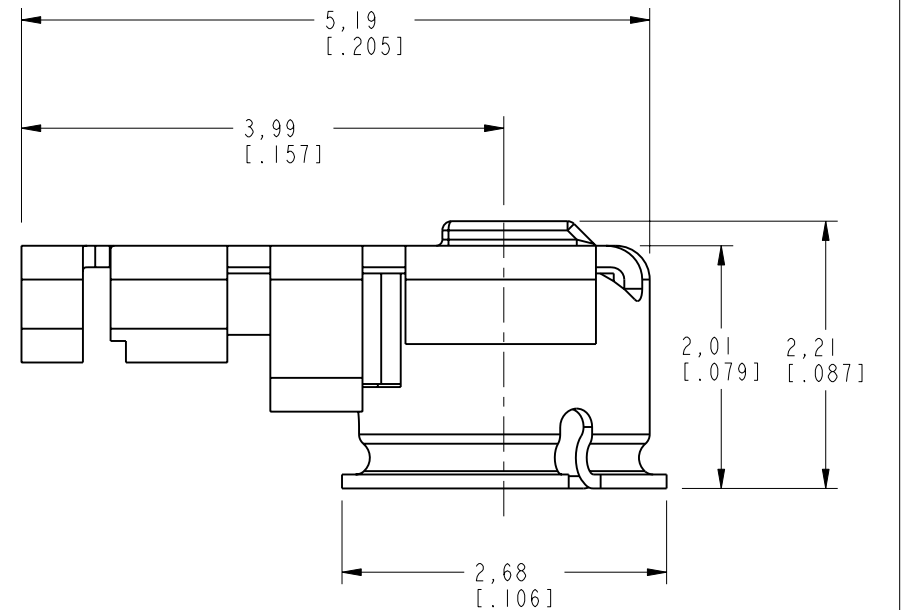
Diagram illustrating the naming convention for the cable assembly:

Example: A-1PA-113-XXXXYZ

- A**: SERIES NAME (A=AMC)
- 1**: AMC RIGHT ANGLE PLUG
- 113**: CABLE DIAMETER IN mm (113 = 1.13 mm)
- XXXX**: CABLE ASSEMBLY LENGTH IN mm (SHORTEST LENGTH IS 35mm)
- Y**: CABLE COLOR: G=GRAY, B=BLACK, W=WHITE
- Z**: NO. OF TERMINATED ENDS (1 OR 2)

A-1PA-113-XXXXZ		REVISIONS				
DRAWING NO.		REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ. 		A	RELEASE TO MFG.	2/20/03	44376	ORB
		B	A) ADDED CABLE MATERIAL & MATE/DEMATE NOTES	3/6/03	44396	ORB
		C	A) BODY PLATING WAS: GOLD PLATED OVER NICKEL B) NOTE 2D WAS: 25N TYPICAL	4/2/03	44402	BCG

CABLE ASSEMBLY OVERALL LENGTH TOLERANCE	
OVERALL LENGTH L (mm)	STANDARD TOLERANCE (mm)
35<L<200	± 4
200 < L 500	± 8
500 < L 1000	± 12
1000 < L	±1.5 %



## AMC RIGHT ANGLE PLUG

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL      3 PLACE DECIMAL      ANGLES $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^\circ$			MATERIAL  		DRAWN G. ANTONINI		DATE 29-Jan-03		TITLE  RIGHT ANGLE PLUG JUMPER			<b>Amphenol</b> Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810		
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights or permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.			REFERENCE  GEN# CASSY68		ENGINEER G. ANTONINI		DATE 29-Jan-03					SCALE: 8.0:1      SHEET      1 OF 1		
					APPROVED O. BARTHELMES		DATE 2/20/03							
CAD FILE I:\AMC\A-IPA-113-XXXYZ						CODE ID 74868		DWG SIZE B		DRAWING NO. A-IPA-113-XXXYZ			REV C	