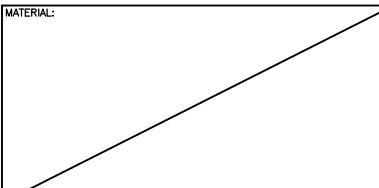
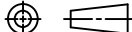


The technical drawing shows two views of the antenna assembly:

- Front View (Left):** Shows the top profile of the antenna. Key dimensions include:
 - Total width: 3.350 [85.10]
 - Distance from left edge to center of SMA connector: .750 TYP [19.05]
 - Height of SMA connector: .600 [15.24] TYP
 - Distance between centerlines of SMA connectors: 2.150 [54.62]
 - Distance from right edge to centerline of SMA connector: .150 [3.81] TYP
 - Label "SMA FEMALE" points to the top SMA connector.
 - Label "2X TYPE N FEMALE" points to the bottom Type-N connectors.
 - Bottom mounting holes are labeled "2X Ø.149 [Ø3.78] THRU".
- Side View (Right):** Shows the side profile of the antenna. Key dimensions include:
 - Top flange thickness: .400 [10.16] TYP
 - Distance from top flange to center of SMA connector: .570 [14.48] TYP
 - Overall height: 1.200 [30.48]
 - Width of main body: .800 [20.32]

Frequency Range: 4–8 GHz
Coupling: $X \pm 1.0\text{dB}$
Insertion Loss: 0.20dB Max.
Frequency Sensitivity: $\pm 0.75\text{dB}$
VSWR: 1.30:1 Max.
Directivity: 18dB Min.
Power Handling: 600W CW

MATERIAL:		 MICROWAVE COMMUNICATIONS LABORATORIES INC. 7255 30TH AVE. N. SAINT PETERSBURG, FL 33710 TEL: (727) 344-6254 FAX: (727) 381-6116 http://WWW.MCLI.COM		SCALE: N/A SHEET: N/A	
		UNLESS OTHERWISE SPECIFIED: TOLERANCES IN (INCHES) OR [mm] (MILLIMETERS) FRACTIONS: $\pm 1/64$ DECIMALS: $\pm .01$ $\pm .005$ ANGLE: $\pm 1/2^\circ$		DRAWING TITLE: HIGH POWER DIRECTIONAL COUPLER	
		PART NO. HC-6-X			
		DRAWN: Paiboon Luekhamhan DATE: 11-16-1997		PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT WRITTEN PERMISSION FROM MICROWAVE COMMUNICATIONS LABORATORIES INC. (MCLI) THIRD ANGLE PROJECTION 	
APPROVED: T. Nguyen DATE: 11-16-1997				SIZE: A REV: N/A DO NOT SCALE THE DRAWING	
				DWG NO. 80560	