

FEBRUARY 28, 1983

NO. 24A COUPLER

A.T.&T.CO.
STANDARD

Consists of a section of 0.420 inch square waveguide, coupled to an orthogonal section of WR51 waveguide.
Has a return-loss of 30 dB minimum with an accuracy of ± 1 dB over the 17.7 GHz to 19.7 GHz frequency band. Also has an insertion-loss of 35 dB minimum with an accuracy of ± 1 dB over the 17.7 GHz to 19.7 GHz frequency band.
Overall dimensions are 3.50 inches by 1.70 inches by 1.40 inches.
Initial use: Antenna feed network for the DR-18A Radio System, J99369A-1.