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WSD-00503 AMPS & DCS/UMTS CROSSBAND COUPLER

K&L Microwave announces the availability of the WSD-00503 AMPS & DCS/UMTS Crossband Coupler, offering a high level of isolation, and low insertion loss in an environmentally sealed package for external co-located AMPS & DCS/UMTS communication sites.

The WSD-00503 offers an insertion loss of 0.15 dB maximum from 806 to 960 MHz, and 0.2 dB maximum from 1710 to 2170 MHz, with passband to passband isolation of 80 dB minimum. Passband return loss is specified at 24 dB minimum, while maximum passband power handling is rated at 750 watts CW and 12kW peak instantaneous.

Dimensions of the crossband coupler are 8.0”L x 4.5”W x 2.75”H, excluding the 7/16” connectors. This unit is equipped with mounting flanges and has been designed for outdoor use, specifically a tower top antenna application with an external environmental rating of IP65.

For further information and performance data, please contact K&L Microwave.

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