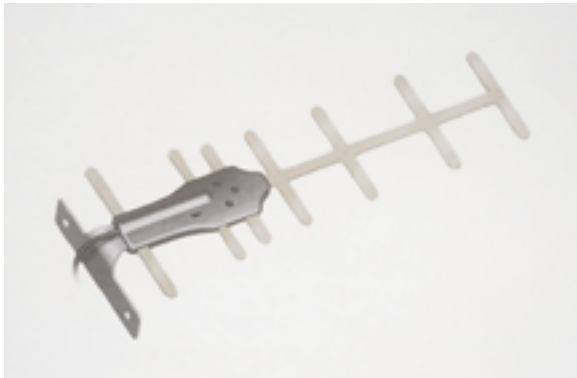


## 7-Element Yagi Antenna

Published on Wireless Design & Development (<http://www.wirelessdesignmag.com>)

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## 7-Element Yagi Antenna



A lightweight, broadband PCS yagi is now available from Antenna Specialists, an Allen Telecom company. Model ASPM998 has been designed to meet the needs of high volume, rapid deployment found in Wireless Local Loop, Wireless Fixed Terminal and repeater installation. The antenna may be wall or pole mounted, allowing for versatile installation options and choice of linear, vertical or horizontal polarization. An aesthetically pleasing light gray color "blends" well with indoor and outdoor surroundings. ASPM998 covers 1850-1990 MHz with a VSWR of 1.5:1 and is broadband for tuning-free field installation. The antenna is power rated to handle up to 10 watts. The gain is 9 dBd (11 dBi) nominal with front-to-back ratio of >17 dB and a sidelobe level of > 10 dB. E-plane beamwidth for ASPM998 is 42° -48° and the H-plane beamwidth is 50° -60°.

The PCS yagi is 9 inches (22.9 cm), not including cable, and 3.5 inches (8.9 cm) wide. Total mounting area is 3.25 inches x .75 inches (8.3 cm x 1.9 cm). The antenna weighs 4 oz. (.11 kg) and has a rated wind velocity of 129 mph (208 km/h). It is supplied with 12 inches (30.5 cm) RG-316/U with an attached TNC female connector.

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