

# Patch & Sector Antennas

## Patch-Antennas

(Multi-purpose antenna without outside part for inside mounting on motor vehicle windows)

**PA-ES GSM/DCS**



**GSM/DCS**  
 140 x 25 x 10 mm (LxBxH)  
 0 dBi Gain / < 2 VWSR  
 3 m RG174-cabel with FME  
 50W/10W

**PA-HI GSM/DCS**



**GSM/DCS**  
 115 x 22 x 5 mm (LxBxH)  
 0 dBi Gain / < 2 VWSR  
 2,1m RG174-cabel with FME  
 50W/10W

**PA-ECO GSM/DCS**



**GSM/DCS**  
 125 x 27 x 7 mm (LxBxH)  
 -0,5 dBi Gain / < 2,5 VWSR  
 2 m RG174-cabel with FME  
 50W/10W

## Sector-Antennas

(Transmitting and receiving antenna for polemounting, inside mounting on motor vehicle windows or roof mounting on motor vehicles)

**Sector 150**



**possibilitys from frequency ranges**  
 140-180MHZ, 420-480MHZ  
 VHF & UHF  
 GSM &DCS, AMPS & PCS  
 Orbcomm, GPS  
 UMTS, 2,4 GHZ  
 SSB

Æ 153mm/h 30 mm  
 pole mounting, adhesive pad, bolt

**4...9 dBi Gain**  
 < 1,5...2,1 VWSR

**possibilitys from opening-angles**  
 e-plane 40°... 80°  
 h-plane 70°... 360°  
 N-socket or 2,5 RG58-cabel  
 with FME-plug  
 50W/20W

**Sector 260**



**possibilitys from frequency ranges**  
 GSM

240 x 165 x 35 mm (LxBxH)  
 pole mounting

**10 dB Gain**  
 < 1,3 VWSR

**tilt angles**  
 0... 30°  
 N-socket  
 50W/20W

**Sector 380**



**possibilitys from frequency ranges**  
 140-180MHZ, 420-480MHZ  
 GSM  
 DCS  
 AMPS,PCS  
 UMTS  
 2,4 GHZ

383 x 213 x 25 mm (LxBxH)  
 pole mounting

**6...12 dB Gain**  
 < 2 VWSR

**possibilitys from opening-angles**  
 e-plane 40°... 80°  
 h-plane 70°... 360°  
 N-socket or 2,5 RG58-cabel  
 with FME-plug  
 50W/20W