



Designed specifically for 3G applications, this range of monopoles provides a light-weight solution to your base-station structures requirements. For large network roll-outs, DHES is able to provide turn-key integration services, including warehousing and the fitting of customer-supplied antenna and feeder systems, or alternatively we can specify and supply antennas and accessories from our own range of products

SPECIFICATIONS:

Design

Analysis and design using the most up to date computer modelling programmes, in accordance with the following standards and codes of practice: BS 449, AS 1170, parts (i), (ii) & (iv)

Wind Loading

DHES specializes in determining the wind-loading parameters for a given location and antenna type, working to customer specified or meteorological records. BSCP3-TR7 and AS 3995 are typical engineering standards that we are accustomed with, as well as alternative specifications such as RS 222

Deflection

Where limits of twist and sway are more critical, for example with microwave applications, DHES will investigate the optimum combination of pole profile and material thickness and grade, modifying designs accordingly to achieve our customers requirement

Construction

Our monopoles are designed with a high-quality, high-yield polygonal steel construction. In order to achieve required deflection specifications for a given wind-load, variations in material thickness and pole section are investigated. High-tensile holding-down bolts are supplied with all monopoles

Foundation

Our standard package includes all necessary drawings and schedules for foundations for normal soil condition. We are also able to advise and design alternative foundations, including piled foundations, should soil conditions dictate

Installation

We are able to quote for full installation in any world-wide location. Our services would include detailed site surveys and soil analysis, foundation design, installation and monopole erection

Accessories

Antenna mounts, cable fixings, work platform, grounding system, obstruction lighting, fall arrest systems and painting to ICAO regulations are all available options for DHES structures

