

5G InvisiWave™ Radomes

For the next generation of wireless deployments, small cell sites using 5G mmWave radios (28 GHz + 39 GHz) will be widely installed for network densification purposes. When placed in a community's right-of-way, a concealment solution may be necessary to hide radios in applications such as utility poles, street light poles, rooftop screenwalls, chimneys, etc. Concealments help with city approvals and can speed up the network deployment process. See all features and specifications below regarding our proprietary InvisiWave material, then contact Raycap | STEALTH for assistance with future 5G concealment projects.

InvisiWave Material Features:

- Rigid surface
- Paint adhesion
- UV Resistant
- Hydrophobic surface
- Easy to fabricate and create various form factors
- Chemical and fire resistance (UL94, EN13501)
- Tested from 700 MHz to 100 GHz
- Thermal insulation
- Patent pending
- Minimum insertion loss*
(avg. 0.1dB @ 28GHz, 0° angle of incidence)
(avg. 0.2dB @ 24GHz, 0° angle of incidence)
(avg. 0.4dB @ 39GHz, 0° angle of incidence)
- Thoroughly tested to identify beam forming impact
- Compatible to back lobe mitigation techniques
- Class 'A' Fire Rated
- City of Los Angeles Approved
(Dept. of Building & Safety LARR 25400)

InvisiWave Radome Specifications:

- Radomes are all one-piece with up to a 36" diameter and can be up to 10' tall
- Radomes require continuous rolled ring bulkheads for proper attachment
- Smooth and multi-sided radomes available
- Ventilated radomes available



RCM-9972-IW



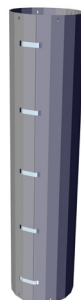
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