Concealment Tradeoffs in Urban Environments

Wireless Infrastructure Deployment Spectrum

1. Functional
2. Partially Concealed
3. Fully Concealed

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<tr>
<th>Feature</th>
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<td>Cost</td>
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<td>Aesthetics</td>
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<td>Operational Difficulty</td>
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<td>Optionality</td>
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Functional Products are structural infrastructure which serve to protect equipment and facilitate their proper functioning. Limited consideration is taken with respect to aesthetics as it relates blending into the existing infrastructure.
Functional Products Deployed
Partially-Concealed Product Offerings

Partially-Concealed Products take the next step toward blending into the cityscape. Added care is taken to ensure that wires are covered, large ‘bulges’ are gone, colors match, and size or shape transition areas are blended appropriately.
12” Dia. Power Pole Smart Stack™ Line of Products

Partially Concealed
12” Dia. Power Pole Smart Stack™ Line of Products
Cable Concealment Shroud to Hide Wiring
Partially-Concealed Products in Various Settings
Partially-Concealed Products in Various Settings
Fully-Concealed Product Offerings

Fully-Concealed Products are the final step toward blending into the cityscape. Great care is taken to hide away any and all telecom equipment, which then requires a thorough understanding of the thermal dissipation and possibly sound suppression requirements. In addition, several options exist for decorative antenna concealment, which again must account for RF attenuation and PIM (Passive Intermodulation).
18” Octagonal Poles for High-Powered Radios

Fully Concealed
Fully-Concealed Poles in Various Settings
12” Dia. Integrated SmartStack™
12” and 14” Dia. Integrated SmartStack™
Decorative (fluted) Pole with Luminaire
26” Dia. Passively-Cooled SmartStack™
28” Dia. Back-to-Back SmartStack™
Gas Lantern Antenna Concealment
Stadium Concealment Options
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<tr>
<th>Manufacturing Rep.</th>
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<th>Email</th>
<th>Phone Contact</th>
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<tbody>
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