Now the world's strongest radome is invisible to microwaves

L-3 ESSCO sets the new standard for metal space frame radomes

**Durashed Radome™** with Dyneema® Crystal Technology, offers superior protection and performance increases for advanced SATCOM, surveillance and tracking applications:

- A lighter, stronger membrane increases the launch capability of radomes and radome systems
- Exceptional hydrophobic properties naturally shed rain and virtually eliminate the need for regular maintenance
- Improved RF transparency over a wide range of frequencies, including L-, S-, X-, Ku- and Ka-bands
- Resistant to harsh chemicals and extreme weather
- Industry’s only 10-Year Limited Warranty when installed by factory trained ESSCO personnel

Dyneema® Crystal Technology is a new technology platform of Dyneema for radomes. It is lightweight, strong and light, yet very light. A high tensile strength and low density enables it to resist the world's strongest materials, and yet very light.

The benefits of Dyneema® Crystal Technology

**New benchmark in performance**

- An electromagnetic properties of Dyneema® Crystal Technology surpasses all other materials used for radomes. It will give your radar systems superior consistency and predictability over the widest range of frequencies.
- Superior RF transparency over a wide range of frequencies
- Reduced lead times and lifetime costs
- Industry’s only 10-Year Limited Warranty when installed by factory trained ESSCO personnel

Durashed Radome™ maximizes the performance of your radar using Dyneema® Crystal Technology

**Sharing a spirit of innovation**

The benefits of Dyneema® Crystal Technology

- How do you design a radome that does not compromise the performance of your highly sensitive radar system?
- It needs to offer reliable protection, with zero signal loss.

Dyneema® Crystal Technology is a new technology platform of Dyneema for radomes. It is lightweight, strong and light, yet very light.

The high tensile strength and low density enables it to resist the world’s strongest materials, and yet very light.

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