

## LASER APPLICATION NOTE 2060

**TELESIS**

*ProScript*<sup>®</sup>

**Application:**

Marking on ABS plastic housings  
Decorative plastic marking



**Mark depth:**

Surface discolorization

**Material:**

White ABS Plastic

**Mark Type:**

Alphanumeric, Barcode, 2d code, Logo, Schematics

**Cycle Time:**

Varies for mark type. Typically less than 1 second

**Laser Advantage:**

High speed of mark. High contrast permanent dark mark on white plastic. Quick part program changeover perfect for short runs. Ease of integration of logos and serialization into process, high mark quality and readability.

**Recommended Laser:** ProScript Nd:YAG 70 Watt and higher

**Process Notes:**

*ProScript Nd:YAG creates a cosmetically appealing black mark by causing the material in the mark area to darken by heating. In most cases the mark can be felt as a raised area against the base material.*