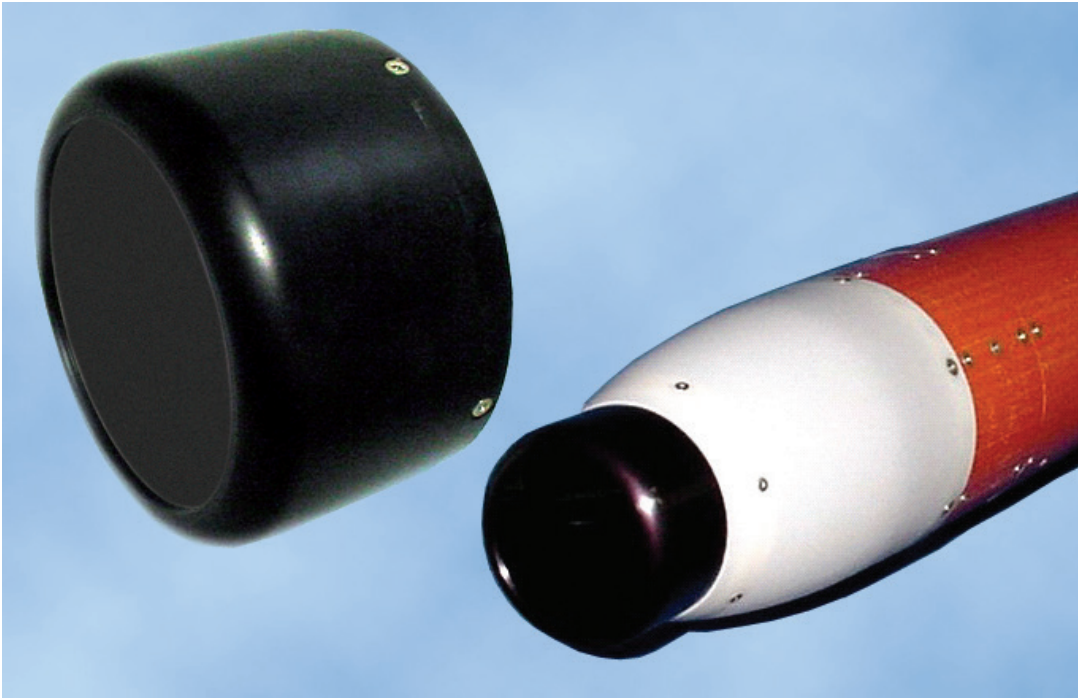




Aeromechanical Systems > Towed Targets

FIRE-40, Forward Infrared Emitter 40 Watts/STR



Key features

- Small, lightweight
- Electrically powered IR source
- 28 volts produces up to 40 w/str
- For use with AIM-9, Stinger, Mistral, and RAM missiles

The FIRE-40 is a small, lightweight, electrically powered infrared source, designed to be mounted on the wing tip of target drones and in the nose or tail of towed targets. Operating at 28-volts, it produces an operator selectable IR signature from as little as 6 W/str to 40 W/str in the 3-5 micron band and is ideal for use with air-to-air IR guided missiles such as AIM-9 and MAGIC and surface-to-air IR guided missiles such as Stinger, Mistral and RAM.

In addition to its very light weight, small size and low power requirement, a major advantage of the FIRE-40 is that its output is not sensitive to airspeed, altitude or mounting orientation and its duration, when linked to a generator such as when mounted in the Meggitt TGX-IR towed target, is unlimited. It is ideally suited for forward facing infrared target augmentation making it especially useful for air-to-air and Navy head on attack profiles.

Meggitt Defense Systems

Our product competencies and services:

Ammunition Handling Systems | Thermal Management | Countermeasures | **Towed Targets** | Electronic Systems

MEGGITT
smart engineering for
extreme environments

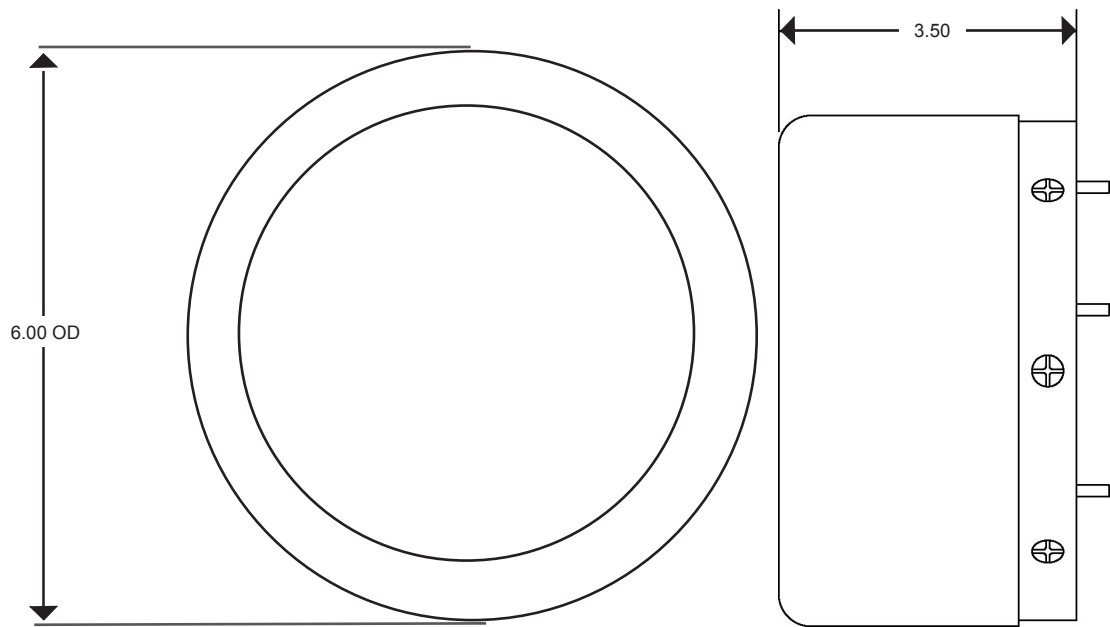


Aeromechanical Systems > Towed Targets

FIRE-40, Forward Infrared Emitter

40 Watts/STR

Specifications



Fire-40 Wiring Configuration	<div><div><div></div><div></div><div></div></div><div>2.95 OHMS</div><div>9.5 AMPS</div><div>19 W/STR</div></div>	<div><div><div></div><div></div><div></div></div><div>9.40 OHMS</div><div>3.0 AMPS</div><div>6 W/STR</div></div>	<div><div><div></div><div></div><div></div></div><div>3.62 OHMS</div><div>7.5 AMPS</div><div>15 W/STR</div></div>	<div><div><div></div><div></div><div></div></div><div>28</div><div></div></div>
Input power watts	267	83	210	560
Input amps	9.5	3.0	7.5	20.0
Output power - in 3-5 micron band head on W/STR	19	6	15	40.0
Thermocouple is K-TYPE				

Specification subject to change - TCO Review #XXX

Key features

Meggitt Defense Systems

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