

GT-Prism Prism Assembly



P101 circular prism is built by cutting from a solid glass cube. This creates three mutually orthogonal reflecting surfaces that reflect any light rays back towards their source. This reflector can be matched with various total-station. (Example Leica , Sokkia and etc).

Reflective Coating

P101 prisms have a copper coating on the reflecting surfaces. The copper can offer a very high reflectance of infrared beams. For long life consideration, this copper will be robust and resistant to corrosion.

Specifications

Range	6500 ft (2000 m)
Shape	Circular
Diameter	1" (25.4 mm)
Type	Copper coated
Holder/Assembly	L-Bar
Constant/Offset	+8.9 mm
Holder Height	60 mm
Holder Material	Metal
Available Holder Color(s)	Black
Accessories	L-Bar

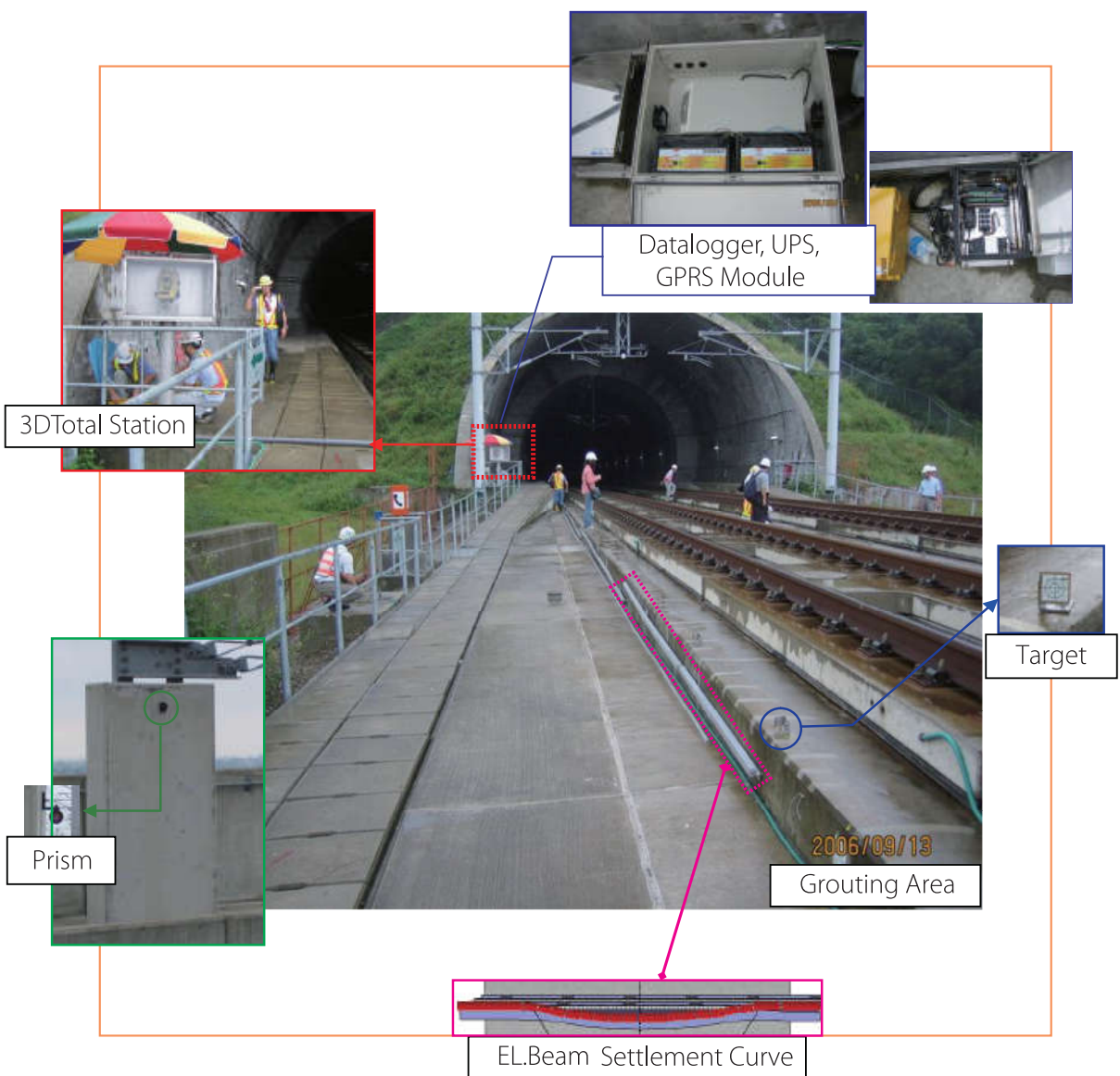
Prism with Ruler





Angular Beam Deviation

The angular difference between the entering and exiting beam is known as Angular Beam Deviation. A high deviation significantly reduces the returned signal strength and hence the measurement range. After manufacture, each prism less than 8 arc seconds.



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