



## Datasheet

Name of product: L type 360°Prism

Model: MPR122

Main equipment for testing prisms:

Name/Model	Zygo Laser Interference	Total Station TC1800
Accuracy Measurement	Display resolution: 5"	/
Distance Measurement	/	Prism range: 2000m

Test location and environment condition for the test: Indoor

Location: Standard constant temperature room.

Prism test temperature: 24°C

Outdoor Location: Standard Distance Test Field in Shanghai Baosteel Co. Ltd.

Results of test and additional explanation:

No.	Item	Technical Requirements
1.	Prism material	Superior quality K9 glass
2.	Prism size	18.6mm
3.	Accuracy	≤5"
4.	Centering Accuracy	± 2.0mm
5.	Constant	+28.1mm
6.	Coating	Copper Coating
7.	Holder Material	Natural silica gel
8.	Surface treatment	Sandblasting 100 mesh, Glass sand treatment
9.	Oxidation treatment	Black oxidation, Membrane layer thickness > 10μm
10.	Connector	5/8" x 11 Male, 5/8" x 11 Female