

## Focal Radius for Immersion Probes

V 1	Compression Velocity (V <sub>c</sub> )
	(m/s)
Perspex	2.68

V 2	Compression Velocity (V <sub>c</sub> )
	(m/s)
Water	1.47

Focal Length	▲
20	▼

Concex lens radius

$$R = \frac{F (n-1)}{n}$$
$$n = \frac{V_1}{V_2}$$

R = Lens radii  
F = Focal length

n = ratio of velocities

**R= 9.03**

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