

# TECHNICAL SPECIFICATION



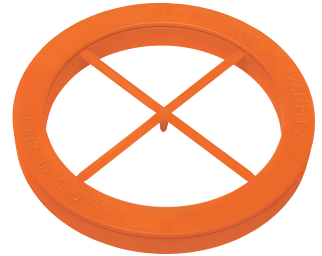
## Smart Marker SM 1500

Operating frequency (kHz)	83.0, 104.1, 121.6, 134.0, 145.7, 169.8
Material of cover	High Density PS
Dimensions	Diameter x height 225 x 28 mm
Weight	max. 300 g (0,66 lb)
Identification number ID	10 digits in hexadecimal code
Marker read range	1,5 m (4,9 ft)
Operating temperature	-20 to +60 °C
Lifetime	50 years



## Marker 2500 (analog)

Operating frequency (kHz)	83.0, 104.1, 121.6, 134.0, 145.7, 169.8
Material of cover	High Density PS
Dimensions	Diameter x height 225 x 28 mm
Weight	max. 300 g (0,66 lb)
Identification number ID	NO
Marker read range	1,8 m (5,9 ft), Long marker model 2,5 m (8,2ft)
Operating temperature	-20 to +60 °C
Lifetime	50 years


















## MAR 100-3D (analog)

Operating frequency (kHz)	83.0, 104.1, 121.6, 134.0, 145.7, 169.8
Material of cover	PE
Dimensions	Diameter 130 mm
Weight	Max. 210 g (0,46lb)
Identification number ID	NO
Marker read range	1,2 m (3,9 ft)
Operating temperature	-20 to +60 °C
Lifetime	50 years



## TYPES OF OPERATING FREQUENCY

Operating frequency	Type of device	Color of marker	Type of Marker Locator
83,0 kHz	Gas pipelines	Yellow   	SML G
101,4 kHz	Optical cables	Orange   	SML T
121,6 kHz	Sewage pipelines	Green   	SML S
145,7 kHz	Water pipelines	Blue   	SML W
134,0 kHz, 169,8 kHz	Energetics cables	Red   	SML E