

➤ HAC accessories for audio validation

➤ Helmholtz coil



➤ Product category:

- Helmholtz coil

➤ Function:

- T-coil probe calibration
- T-coil probe assessment

➤ User profile:

- HAC bench users

➤ Related standard:

- ANSI C63-19

Technical & mechanical characteristics

Coil turns	20
Coil resistance	#1.655 Ω
Shunt resistance	100 Ω
Sensitivity	for 1V, H=1A/m ⁽¹⁾
Coil diameter	286 mm
Wire diameter	AWG24
Connector	BNC female

(1) $H=N*(U/R)/(r*\sqrt{1.25^3})$ with N=20 (number of coil); R=100 (shunt resistance), r=143 mm (coil radius)

➤ Telephone Magnetic Field Simulator (TMFS)



➤ Product category:

- Telephone Magnetic Field Simulator

➤ Function:

- T-coil probe assessment

➤ User profile:

- HAC bench users

➤ Related standard:

- ANSI C63-19

Technical & mechanical characteristics

TMFS size	8 * 8 cm
Coil turns	10
Coil diameter	38.4 mm
Coil width	3 mm
Wire diameter	AWG30
Connector	BNC female