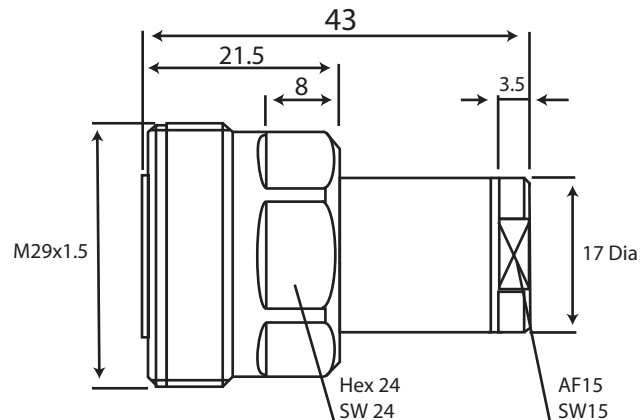


7-16 Straight Clamp Socket For LMR400

Part number: 304-104



Mechanical Characteristics

Durability (mating cycles)	≥ 500
Recommended coupling torque	25 - 35 Nm
Material: spring contacts	CuBe2, copper alloy
Material: outer conductor	CuZn39Pb3
Material: other metal parts	CuZn39Pb3
Material: insulators	PTFE, PFA
Material: gaskets	Silicone, NBR
Finish: Inner conductor	Cu2Ag5
Finish: Outer conductor	CuSnZn3, Ag2CuSnZn0.5 (Optargen), Cu2Ag3
Finish: Other metal parts	CuSnZn3 (Telealloy), Ni, Cu2Ag3

Electrical Characteristics

Contact resistance inner conductor	≤ 0.4 mΩ
Contact resistance outer conductor	≤ 0.2 mΩ
Insulation resistance	≥ 10 GΩ
Voltage proof	4 kVeff/50 Hz
Impedance	50 Ω
Return loss: Flexible cable	40 dB/1 GHz bzw. 36 dB/2 GHz
Return loss: Straight style	32 dB/4 GHz bzw. 28 dB/6 GHz
Working voltage	≤ 2.7 kVeff/50 Hz
Power	1.8 kW/1 GHz
Frequency range up to	7.5 GHz