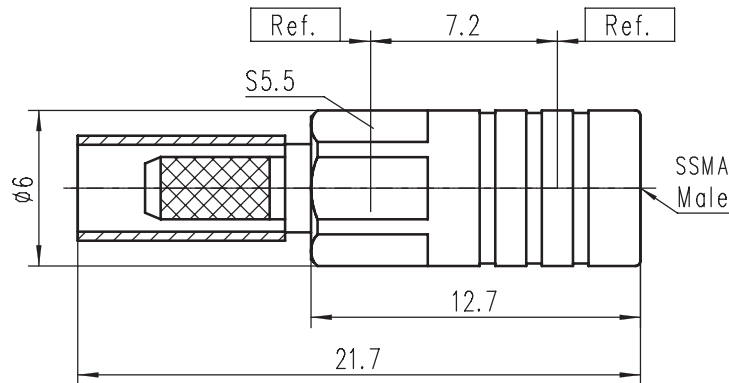


CONNECTOR

SSMA Male With RG316D Cable

SSMA-J316D



Code: 140001

Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR	$\leq 1.07 + 0.04 \sqrt{f(\text{GHz})}$
Insulation resistance	$\geq 5000 \text{ M}\Omega$
Center contact resistance	$\leq 5 \text{ m}\Omega$
Outer contact resistance	$\leq 2.5 \text{ m}\Omega$
Test voltage	750 V rms
Working voltage	$\leq 250 \text{ V rms}$

Mechanical data

Mating cycles	min. 500
Coupling test torque	max. 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

Material and plating

Connector parts	Material	Plating
Center contact	Brass	Gold
Outer contact	Brass	Gold
Dielectric	PTFE	

Environmental data

Temperature range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant