

Single Channel Rotary Joint || BN 635245



Outline and dimensions as per drawing 635245-0E Issue B

Radio frequency channel characteristics

Interface type / material / surface finish	UG-51/U / copper alloy / silver plated
Style	I
Frequency range	8.0 to 8.5 GHz
Peak power capability	240 W
Average power capability	120 W
VSWR, max.	1.2
VSWR variation over rotation, max.	0.03
Insertion loss, max.	0.15 dB
Insertion loss variation over rotation, max.	0.05 dB

General mechanical data

operating pressure	0 - 1.33 mPa
Rotating speed, max.	5 rpm
Life, min.	3 x 10 ⁶ revolutions
Starting torque, max.	0.3 Nm
Torque during rotation, max.	0.3 Nm
Case material	copper alloy
Case surface finish	silver plated
Weight, approx.	1.1 kg
Marking	laser engraving

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General environmental conditions

Operation	
Ambient temperature range	-70 to +70°C
Relative humidity, max.	95% (condensation not permitted)
IP protection level	IP40 per EN 60529 (all interfaces connected)