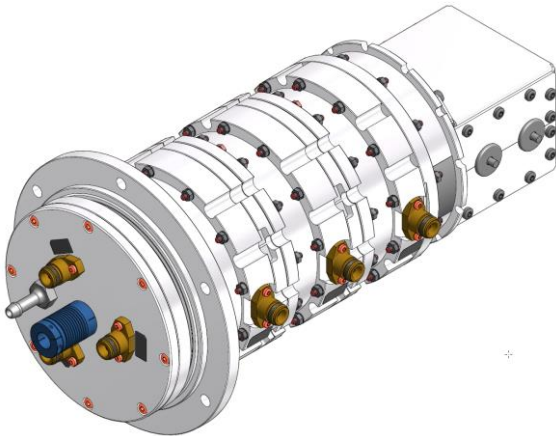


Rotary Joint || BN 532517



Radio frequency characteristics

Channel designation	Channel 1	Channel 2	Channel 3
Coaxial interface connector / material / surface finish	N-f (50 Ω) / copper alloy / silver plated		
Frequency range	1.0 to 1.1 GHz		
Peak power rating	3 kW		
Average power rating	80 W	10 W	10 W
VSWR, max.	1.25		
VSWR variation with rotation, max.	0.05		
Insertion loss, max.	0.5 dB		
Insertion loss variation with rotation, max.	0.05 dB		
Transmission phase variation over rotation, max.	± 2.5°		
Isolation loss, min.	60 dB		

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Encoder characteristics

Type / manufacturer	2 each DHO5_14//RP29//3600 / BEI-IDEACOD, France
Resolution basic / interpolated	3.600 / 18.000
Interface	pigtails

Mechanical characteristics

Rotating speed, max. / nominal	15 rpm
MTBF, min.	300.000 h
Torque (room / min. temperature), max.	2 N m / - N m @ start-up 2 N m / - N m @ rotation
Case material	aluminum alloy
Case surface coating	chromate conversion coat painted RAL5012 light blue
Weight, max.	14 kg

Environmental conditions

Operation	
Ambient temperature range	-40 to +60°C (encoder excluded)
Storage	
Ambient temperature range	-40 to +60°C (encoder excluded)

Applicable documents

Drawing	532517-0E, Issue D
Product manual	M36254
Technical information	"Rotary Joints – Glossary", technical document TD-00021, Spinner GmbH

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