

Aerospace / Military Slip Ring Program Matrix

SIG CKTS = Signal Circuits (Rings)

PWR CKTS = Power Circuits (Rings)

Program	Model	Description	Key Features
Bradley Fighting Vehicle	FL4999	Commander's Independent Viewer AZ Slip Ring	Resolver, 259 SIG CKTS
	JZ4994	A3 Turret Slip Ring	Air Channel, 86 SIG CKTS & 4 PWR CKTS
	JZ4049	AZ Turret Slip Ring	Air Channel, Encoder, 42 SIG CKTS & 2 PWR CKTS
Advanced Targeting Pod	DW6410	Pitch Axis Slip Ring	45 CKT With In-board Connectors
	DW6464	Roll Axis Slip Ring	20 PWR CKTS, 3 Twinax High Speed Data Circuits (250 Mbps), 46 SIG CKTS
AH-64A / D Apache Longbow Attack Helicopter	DW4806-1	Slip Ring RF Rotary Joint Assembly	6 PWR CKTS: 115 VAC, 4 A; 73 SIG CKTS: 100 V 1 A; Resolver, 4 Channel RF Rotary Coupler
AH64 Apache	FL3091	Tail Rotor De-ice	2 PWR CKTS 20 A
Avenger Air Defense System	TX6209	Turret Slip Ring Capsule	Air Channel, Encoder Mount, 2 PWR CKTS 150 A, 28 VDC 61 SIG CKTS 3 A, 28 VDC
Blackhawk and Seahawk	AW2876	Blackhawk Main Rotor	3 Low PWR CKTS, 5 A, 28 VDC 3 Ø PWR CKTS, 60 A, 200 VAC
	AW3018	UH60 Tail Rotor	3 Ø PWR CKTS, 20 A, 200 VAC
	AW4101	Seahawk Main Rotor	3 Ø PWR CKTS, 60 A, 200 VAC; 28 VDC, 5 A
	AW6018	Blackhawk Tail Rotor	3 Ø PWR CKTS, 20 A, 200 VAC, Separate Cables
F-14 / 15 / 16 LANTIRN	DW6262-02	Main De-roll Slip Ring	Dual Axis Rotating (Spin-Despin) Hydraulic Channel 50 PWR CKTS, 130 SIG CKTS, 2 High Voltage (150 V)
Sentinel Radar	FL4189	Pedestal Slip Ring Capsule	6 PWR CKTS - 3 Ø, 208 VAC, 10 A 73 SIG CKTS
V-22 Osprey	AC6094-1	Main Prop Rotor Slip Ring De-ice and Flight Controls	14 PWR CKTS 115 VAC, 1-75 A; 49 SIG CKTS; Resolver; Redundant Bearings; Bearing Failure Sensor
Stryker IAV Mobile Gun System	ED6772	Turret Slip Ring Assembly	Hydraulics, Breathing Air, Resolver, R/D COH Version, Two High PWR CKTS, 450 A 2 Low PWR CKTS - 75 A, , 135 SIG CKTS Including 100 Mbps - Ethernet RS170 Video
Expeditionary Fighting Vehicle	ED6823	Turret Slip Ring Assembly	2, 250 A; 8, 120 A; 6, 15 A; 111, Signal; Clean Air Channel FDDI, CAN BUS and RS170 Channels
F35 Joint Strike Fighter	DW6720	EOTS Roll Slip Ring	4 PWR CKTS - 220 VAC, 2 A; 32 - SIG CKTS and GRNS
S92 Helicopter	AW6441	Main Rotor De-ice Slip Ring	3 Ø PWR CKTS 60 A, 200 VAC 10 SIG CKTS, Redundant BRGS
	AW6442	Tail Rotor De-ice Slip Ring	3 Ø PWR CKTS with Ground 20 A, 200 VAC
AWACS	JD2480	Main Power and Signal Transfer Slip Ring / RF Rotary Joint	16 PWR CKTS - 60 A, 208 VAC; SIG 110 CKTS - 5 A, 200 VAC
	JD6430	Main Power and Signal Transfer Slip Ring / RF Rotary Joint	16 PWR CKTS - 60 A, 208 VAC; SIG 110 CKTS - 5 A, 200 VAC
AIM-9X Missile	CJ6706	Seeker De-roll Slip Ring / BB Separates	PWR: 2 PWR CKTS - 28 V, 2 A; SIG: 8 SIG CKTS - 28 V, 1 A