

Suggested Configurations for Circular Cathodes

Angstrom Sciences has the flexibility to optimize for high power operations and customized configurations. Please consult our factory to review your specifications.

	MIN STEM OD	STEM LENGTH	CABLE TYPE	CABLE LENGTH PAST STEM	ELECTRICAL CONNECTOR	Power Rating watts	WATER LINE OD	WATER LINE LENGTH PAST STEM
ONYX-1 Indirect Cooled Design DC/ RF	0.75"	8"	1675A	8"	HN External Threads	75 DC 25 RF	0.1875"	6"
ONYX-2 Indirect Cooled Design DC/RF Direct Cooled Design DC/ RF	0.75" 1.0"	8"	1675A	8"	HN External Threads	1000 DC 500 RF 1500 DC 900 RF	0.250"	6"
ONYX-3 Indirect Cooled Design DC/ RF Direct Cooled Design DC/ RF	0.75" 1.0"	8"	1675A	8"	HN External Threads	1500 DC 700 RF 2000 DC 1100 RF	0.250" 0.375"	6"
ONYX-4 Indirect Cooled Design DC/ RF Direct Cooled Design DC DC/ RF	0.75" 1.0"	8"	1675A 1675A TRU-500	8"	HN External Threads HN External Threads 7/16 DIN	2000 DC 900 RF 3500 DC 1200 RF	0.250" 0.375"	6"
ONYX-5 Indirect Cooled Design DC DC/ RF Direct Cooled Design DC DC/ RF	1.0"	8"	1675A TRU-500	8"	UHF External Threads 7/16 DIN	2500 DC 1000 RF 5000 DC 1700 RF	0.375"	6"

	MIN STEM OD	STEM LENGTH	CABLE TYPE	CABLE LENGTH PAST STEM	ELECTRICAL CONNECTOR	Power Rating watts	WATER LINE OD	WATER LINE LENGTH PAST STEM
ONYX-6 Indirect Cooled Design DC DC/ RF Direct/ Indirect Cooled Design DC DC/ RF	1.0"	8"	1675A TRU-500	8"	UHF External Threads 7/16 DIN	3000 DC 1000 RF	0.375"	6"
ONYX-8 Direct/ Indirect Cooled Design DC RF	2.0"	8"	High Temp. Single Conductor Cable Copper Strap	8"	Screw Termination Direct to Match Network	12000 DC 4000 RF	0.375"	6"
ONYX-10 Direct Cooled Design DC RF	2.0"	8"	High Temp. Single Conductor Cable Copper Strap	8"	Screw Termination Direct to Match Network	20000 DC 6000 RF	0.500"	6"
ONYX-12 Direct Cooled Design DC RF	2.0"	8"	High Temp. Single Conductor Cable Copper Strap	8"	Screw Termination Direct to Match Network	28000 DC 8000 RF	0.625"	6"
ONYX-14 Direct Cooled Design DC RF	2.0"	8"	High Temp. Single Conductor Cable Copper Strap	8"	Screw Termination Direct to Match Network	38000 DC 10000 RF	0.750"	6"
ONYX-16 Direct Cooled Design DC RF	2.0"	8"	High Temp. Single Conductor Cable Copper Strap	8"	Screw Termination Direct to Match Network	50000 DC 12000 RF	1.000"	6"