

8251 SERIES

Model 8251, 8251N, 8251T* & 8251D (1 kW)



Power Rating	1000 W continuous
Frequency Range and VSWR	DC to 1 GHz at 1.1 max., 1 GHz to 2 GHz at 1.25 max., 2 GHz to 2.4 GHz at 1.3 max. (1.065 max., 470-860 MHz for "D" Model)
Ambient Temperature Range	-40°C to +45°C
Connector	QC type (Female LC normally supplied, and Female N normally supplied unmounted)
Operating Position	Horizontal only
Load Coolant	1.1 gal. (4.1 liters) silicone oil
Finish	Gray powder coat
Nominal Size	17 29/32" L x 5 15/16" W x 8 1/2" H (includes connector) (455 mm x 151 mm x 216 mm)
Weight	25 lbs., 8 oz. (11.5 kg)

*Over temperature interlock safety switch option available



8890-300 SERIES (2.5 kW) **NEW!**

Models	8890-300	8892D300	8895-300	8891D-300 & 8891-300
Power Rating	2500 W continuous			
Frequency Range and VSWR	DC to 1 GHz at 1.1 max., 1 GHz to 2 GHz at 1.25 max., 2 GHz to 2.4 GHz at 1.3 max.			
Impedance	50 ohm nominal	50 ohm nominal	50 ohm nominal	50 ohm nominal
Ambient Temperature Range	-40°C to +45°C			
Connector	QC-LC (F)	1 5/8" EIA fig.	1 5/8" Unflg.	3 1/8" EIA fig.
Recess (In.)	—	0.625	0.438	0.922
Operating Position	Horizontal only			
Load Coolant	2.9 gal. (11 liters) silicone oil			
Finish	Gray powder coat			
Nominal Size	23 1/8" L x 7" W x 17 3/16" H, (587 mm x 178 mm x 437 mm)	23 1/8" L x 7" W x 17 3/16" H, (587 mm x 178 mm x 437 mm)	22 3/16" L x 7" W x 17 3/16" H, (564 mm x 178 mm x 437 mm)	25 1/8" L x 7" W x 17 3/16" H, (638 mm x 178 mm x 437 mm)
Weight	57 lbs. (26 kg)	58 lbs. (26 kg)	58 lbs. (26 kg)	59 lbs. (27 kg)



8860 SERIES (1.5 kW) **NEW!**

Models	8860	8861	8862 & 8862 D	8863	8864 & 8864D
Power Rating	1500 W continuous				
Frequency Range and VSWR	DC to 1 GHz at 1.1 max., (1.065 max., 470-860 MHz for "D" Model) 1 GHz to 2 GHz at 1.25 max.				
Ambient Temperature Range	-40°C to +45°C				
Connector	QC-LC (F)	1 5/8" Unflg.	1 5/8" EIA fig.	3 1/8" Unflg.	3 1/8" EIA fig.
Operating Position	Horizontal only				
Load Coolant	1.5 gal. (5.68 liters) silicone oil				
Finish	Gray powder coat				
Nominal Size	17 1/8" L x 7 1/2" W x 13 1/8" H, (445 mm x 184 mm x 333 mm)	17 7/8" L x 7 1/2" W x 13 1/8" H, (454 mm x 184 mm x 333 mm)	17 1/8" L x 7 1/2" W x 13 1/8" H, (445 mm x 184 mm x 333 mm)	18 5/8" L x 7 1/2" W x 13 1/8" H, (473 mm x 184 mm x 333 mm)	19 1/2" L x 7 1/2" W x 13 1/8" H, (495 mm x 184 mm x 333 mm)
Weight	30 lbs. (13.6 kg)	31 lbs. (14.1 kg)	31 lbs. (14.1 kg)	32 lbs. (14.5 kg)	32 lbs. (14.5 kg)



8890-300 SERIES with BA 300-115, -230 (5 kW)

Models with BA-300-***	8890 -315 -320	8892 -315 -320	8895 -315 -320	8891 -315 -320	8897 -315 -320
Power Rating	5000 W continuous with blower on, 1250 W with blower off				
Frequency Range and VSWR	DC to 1 GHz at 1.1 max., 1 GHz to 2 GHz at 1.25 max., 2 GHz to 2.4 GHz at 1.3 max.				
Impedance	50 ohm nominal	50 ohm nominal	50 ohm nominal	50 ohm nominal	50 ohm nominal
Ambient Temperature Range	-40°C to +45°C				
Connector	QC-LC (F)	1 5/8" EIA fig.	1 5/8" Unflg.	3 1/8" EIA fig.	3 1/8" Unflg.
Recess (In.)	—	0.625	0.438	0.922	0.0
Operating Position	Horizontal only				
Load Coolant	2.9 gal. (11 liters) silicone oil				
Finish	Gray powder coat				
Nominal Size	23 1/8" L x 7 3/8" W x 22 11/16" H, (587 mm x 187 mm x 560 mm)	23 1/8" L x 7 3/8" W x 22 11/16" H, (587 mm x 187 mm x 560 mm)	22 3/16" L x 7 3/8" W x 22 11/16" H, (564 mm x 187 mm x 560 mm)	25 1/8" L x 7 3/8" W x 22 11/16" H, (638 mm x 187 mm x 560 mm)	24 5/32" L x 7 3/8" W x 22 11/16" H, (614 mm x 187 mm x 560 mm)
Weight	70 lbs. (32 kg)	72 lbs. (33 kg)	72 lbs. (33 kg)	73 lbs. (33 kg)	73 lbs. (33 kg)



NOTE: Overload thermostat P/N 8890-008 is optional. Free assembly when ordered as a package. *Available in special 8892-300 D model for Digital Broadcast. VSWR = 1.065 max., 470 – 860 MHz. Specify -115 for 115 VAC Blower or -230 for 230 VAC Blower



8921 SERIES (5 kW OIL DIELECTRIC) **NEW!**

Models	8921	8922 & 8922D	8926 & 8926D	8927 & 8927D
Power Rating	5000 W continuous			
Frequency Range and VSWR	DC to 1 GHz at 1.1 max., (1.065 max., 470-860 MHz for "D" Model)			
Ambient Temperature Range	-40°C to +45°C			
Connector	QC-LC (F)	1 5/8" EIA fig.	3 1/8" EIA fig.	3 1/8" Unflg.
Operating Position	Horizontal only			
Load Coolant	6 2/3 gal. (25.3 liters) silicone oil			
Finish	Gray powder coat			
Nominal Size	30 27/32" L x 9 1/2" W x 25 13/16" H, (783 mm x 241 mm x 656 mm)	30 27/32" L x 9 1/2" W x 25 13/16" H, (783 mm x 241 mm x 656 mm)	32 3/4" L x 9 1/2" W x 25 13/16" H, (832 mm x 241 mm x 656 mm)	31 7/8" L x 9 1/2" W x 25 13/16" H, (809 mm x 241 mm x 656 mm)
Weight	119 lbs. (54 kg)	121 lbs. (55 kg)	126.5 lbs. (57 kg)	126 lbs. (57 kg)



NOTE: An 8890-008 over-temperature interlock safety switch is optional. *Available in special 8922 D model for Digital Broadcast. VSWR = 1.065 max., 470-860 MHz