

**SPECIFICATION SHEET**  
**JFW MODEL 016-842-XX**  
**CABLE ASSEMBLY**

JFW Industries, Inc.  
 Phone: 317-887-1340  
 sales@jfwindustries.com  
 www.jfwindustries.com

RF Connectors	SMA female to SMA female
Frequency Range	DC-3000 MHz
Impedance	50 Ohms nominal
Cable Type	RG-402
	Inner Conductor: 19 AWG silver coated copper-covered steel
	Outer Conductor: Copper-tin flexible composite braid with 100% shield coverage
VSWR	< 1.05:1 typical DC-500 MHz < 1.10:1 typical 500-1000 MHz < 1.15:1 typical 1000-3000 MHz
Insertion Loss	0.10 dB/foot typical @ 500 MHz 0.15 dB/foot typical @ 1000 MHz 0.22 dB/foot typical @ 2000 MHz 0.27 dB/foot typical @ 3000 MHz
RF Input Power	550 Watts average @ 500 MHz 350 Watts average @ 1000 MHz 250 Watts average @ 2000 MHz 185 Watts average @ 3000 MHz
Physical Size	See outline drawing 092-6367

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/09/2009		TRS 11/09/2009				
17888	11/16/2009	A	TRS 11/16/2009				
21648	06/13/2012	B	TRS 06/13/2012				