

SPECIFICATION SHEET

JFW MODEL 016-1308-XX

CABLE ASSEMBLY

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

RF Connectors N male to N male

Impedance 75 Ohms nominal

Frequency Range DC-3 GHz

VSWR 1.10:1 typical @ 1 GHz
1.20:1 typical @ 2 GHz
1.24:1 typical @ 3 GHz

Insertion Loss 5 MHz - 0.0004 dB / inch typical
1 GHz - 0.0114 dB / inch typical
2 GHz - 0.0157 dB / inch typical
3 GHz - 0.0168 dB / inch typical

Example 12" Cable:

5 MHz ~0.005 dB
1 GHz ~0.137 dB
2 GHz ~0.188 dB
3 GHz ~0.202 dB

RF Input Power 250 Watts average @ 1 GHz
100 Watts average @ 3 GHz

Cable Type 0.141" Diameter Flexible Semi-rigid

(Inner conductor is Copper and Silver plated steel. Dielectric is PTFE. Outer conductor is a tin plated copper braid with 100% shield coverage.)

Operating Temperature Range -55°C to +85°C

Installation Temperature Range -20°C to +60°C
(for cable bending)

Physical Size See outline drawing 092-10415

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/06/2025		CLK 02/06/2025				
33938	02/07/2025	A	CLK 02/07/2025				