

SPECIFICATION SHEET
JFW MODEL 016-841-XX
CABLE ASSEMBLY

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RF Connectors SMA female to N male

Frequency Range DC-6000 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 500-1500 MHz
< 1.15:1 typical 1500-6000 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
0.33 dB/foot typical @ 4000 MHz
0.36 dB/foot typical @ 5000 MHz
0.44 dB/foot typical @ 6000 MHz

RF Input Power 550 Watts average @ 500 MHz
350 Watts average @ 1000 MHz
250 Watts average @ 2000 MHz
185 Watts average @ 3000 MHz
150 Watts average @ 4000 MHz
135 Watts average @ 5000 MHz
115 Watts average @ 6000 MHz

Physical Size See outline drawing 092-6359

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