

# SPECIFICATIONS

CABLE ASSEMBLY:  
 VSWR: 1.2:1 TYPICAL @ 18GHZ  
 VSWR 1.3:1 MAX @ 18GHZ

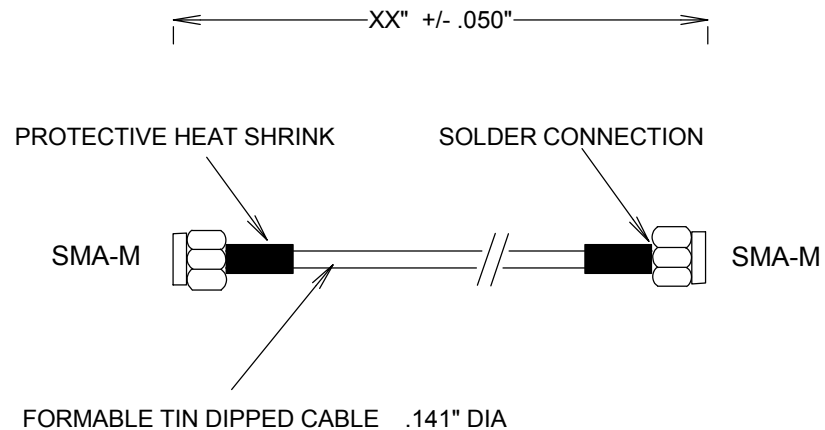
RAW CABLE: (BELDEN 1673A OR EQ)  
 UNJACKETED; TINNED

NOMINAL LOSS (EXCLUDING CONNECTORS)  
 @ 1GHZ: 0.12 DB/FT  
 @10GHZ: 0.47 DB/FT  
 @18GHZ: 0.65 DB/FT

MAX POWER  
 @1GHZ: 400 WATTS  
 @ 18GHZ: 70 WATTS

OUTER SHIELD DIAMETER: .141"  
 MIN BEND RADIUS, INSTALL: 0.25"  
 MIN BEND RADIUS, CONTINUOUS FLEXING: 0.75"

CONNECTORS:  
 SMA: NICKEL PLATED BRASS  
 CONTACTS Au PLATING MIL-G-45204  
 INTERFACE: MIL-STD-348A



VSWR SWEPT ON 100% OF ASSEMBLIES

THESE CABLES CAN BE FORMED BY HAND;  
 THEY RETAIN THEIR SHAPE UPON FORMING

|       |           |             |  |  |  |       |  |
|-------|-----------|-------------|--|--|--|-------|--|
|       |           |             |  | <b>FAIRVIEW MICROWAVE INC.</b>   |  |       |  |
|       |           |             |  | ALLEN, TX 75013 <a href="http://WWW.FAIRVIEWMICROWAVE.COM">WWW.FAIRVIEWMICROWAVE.COM</a> |  |       |  |
|       |           |             |  | TITLE  |  |       |  |
|       |           |             |  | SMA FORMABLE SEMIRIGID CABLES<br>18GHZ .141"   |  |       |  |
| SIZE  | CAGE CODE | DWG NO      |  |  |  | REV   |  |
| A     | 3FKR5     | SCA49141-XX |  |  |  | A     |  |
| SCALE |           |             |  |  |  | SHEET |  |