



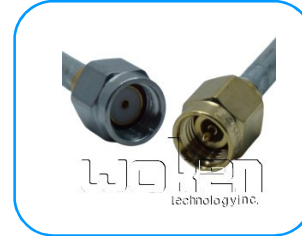
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Cable Assembly

18GHz SMA(M)–Reverse SMA(M) for Semi–Rigid RG402 Cable Assembly

Features

- ✓ High Repeatability
- ✓ Low VSWR



Electrical Specifications

Frequency	DC-18GHz
VSWR	1.3:1(Max.)
Impedance	50Ohm
Connection 1	SMA Male
Connection 2	Reverse SMA Male

Material

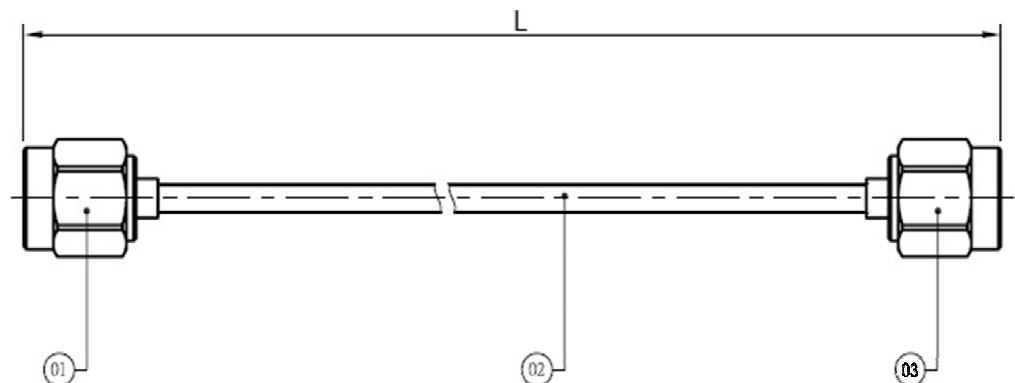
Part	Material	Plated
1. SMA Connector		
Body	Brass	Gold
Center Pin	Brass	Gold
Insulator	Teflon	
2. Cable		
Semi-rigid RG402 Coaxial Cable		Silver
3. SMA Connector		
Body	Stainless Steel	Passivated
Center Pin	Beryllium Copper	Gold
Insulator	PTFE	

Mechanical

Durability	500 Cycles
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Outling Drawing (Unit:mm)

DIMENSIONS	TOLERANCES
0.5~10mm	±0.2
11~100mm	±5.0
101~500mm	±10.0
501~1000mm	±15.0
1001~2000mm	±20.0
2000~5000mm	±50.0





Wake up your further dream.



EZBEND
.141 DIA.
50 OHM COPPER
Military (Mil-C-17) Cables

ELECTRICAL DATA		HC 90000-1 HC 90000-1H M17/130-00004 M17/130-RG402	HC 90000-3 HC 90000-3H MIL 17/130-00005 MIL 17/130-00001		
Impedance (Ohms)		50 +/- 1.0	50 +/- 1.0		
Dielectric Strength (KVRMS 60 Hz)		5.0	5.0		
Corona Extinction (KVRMS 60 Hz)		1.9 Min	1.9 Min		
Max Operating Frequency (GHz)		36	36		
MAX ATTENUATION, db/100 FT. AT 20°C AND AVG. PWR., WATTS, UNITY VSWR, 40°C AMB., STILL AIR					
FREQUENCY GHz		ATTEN.	AVG. PWR.	ATTEN.	AVG. PWR.
1.0		12.0	450.0	12.0	450.0
10.0		45.0	120.0	45.0	120.0
20.0		70.0	70.0	70.0	70.0
MECHANICAL DATA					
Inner Conductor O.D. (inches)		.0362 +/- .0007		.0362 +/- .0007	
Inner Conductor Material		SPCW		SPCW	
Inner Dielectric Material		PTFE, F1		PTFE, F1	
Dielectric O.D. (inches)		.1175 +/- .001		.1175 +/- .001	
Outer Conductor O.D. (inches)		.141 +/- .001		.141 + .002 - .001	
Outer Conductor Material		COPPER		COPPER/TIN	
Safe Bend Radius (proper tooling) (inch)		0.100		0.100	
Max. Weight (lbs./1000 ft.)		34.4		35.1	
Operating Temp. Max. Degrees C		-55 / +125		-55 / +125	