

bsw semi rigid/handconformable cable assemblies SMA(m) - SMA(m)



Material and Finish			
Description		Material	Finish
Connector (SMA Direct Solder Plug)	Center Contact	Brass	30µ" Gold
	Insulator	PTFE	White
	Outer Contact	Brass	3µ"Gold
	C Ring	Beryllium Copper	None
	Gasket	Silicone	Red
	Shell	Stainless Steel	Passivated
Heat Shrink Tube			Black
Cable		RG-402/U	

Electrical		
Impedance	0 ~ 18 GHz	50 Ohm
Voltage Standing Wave Ratio (VSWR)	0 ~ 18 GHz	1.5 Max.
Dielectric Withstanding Voltage	DC, time: 60sec	1000 Vrms Min.
Insulation Resistance	DC 500V, time: 60s	5000 MOhm Min.

Mechanical		
Force to Engage/Disengage	N/A	2 in-lbs. max
Coupling Nut Retention	60mm/min	60 lbs.min
Coupling Proof Torque	N/A	15 in-lbs.min

Remarks:

1. RoHS Compliant
2. Cable Retention 40 lbs. min.

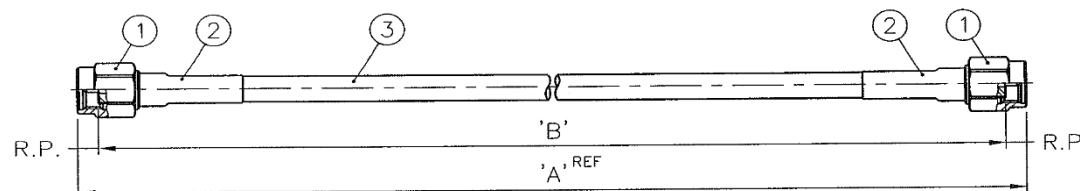
Note 1: Semi-flexible outer conductor

No.	Description	Finish / Qty.	Detail
3	Cable	Note 1 / 1	HABIA, Flexiform 402 nm
2	Heat Shrink Tube	Black / 2	
1	Connector	/ 2	SMA Plug

Tolerances unless otherwise specified [mm]:

- <50 = +/- 1
- >50~500 = +/- 2
- >500~1000 = +/- 3.5
- >1000~2000 = +/- 5
- >2000~3000 = +/- 10
- >3000 = +/- 20

Art.No.	XXXSG	'A' [mm]	'B' [mm]
BSW-SRCONF-141SMAMM-03.0	77SG	88,2	76,2
BSW-SRCONF-141SMAMM-04.0	102SG	107,6	101,6
BSW-SRCONF-141SMAMM-05.0	127SG	133,0	127,0
BSW-SRCONF-141SMAMM-06.0	153SG	158,4	152,4
BSW-SRCONF-141SMAMM-07.0	178SG	183,8	177,8
BSW-SRCONF-141SMAMM-08.0	204SG	209,2	203,2
BSW-SRCONF-141SMAMM-09.0	229SG	235,0	229,0
BSW-SRCONF-141SMAMM-10.0	254SG	260,0	254,0
BSW-SRCONF-141SMAMM-11.0	280SG	286,0	280,0
BSW-SRCONF-141SMAMM-12.0	305SG	310,8	304,8
BSW-SRCONF-141SMAMM-13.0	330SG	336,0	330,0
BSW-SRCONF-141SMAMM-14.0	356SG	361,6	355,6
BSW-SRCONF-141SMAMM-15.0	381SG	387,0	381,0
BSW-SRCONF-141SMAMM-16.0	407SG	412,4	406,4
BSW-SRCONF-141SMAMM-17.0	432SG	438,0	432,0
BSW-SRCONF-141SMAMM-18.0	458SG	463,2	457,2
BSW-SRCONF-141SMAMM-20.0	508SG	514,0	508,0
BSW-SRCONF-141SMAMM-22.0	559SG	564,8	558,8
BSW-SRCONF-141SMAMM-24.0	610SG	615,6	609,6
BSW-SRCONF-141SMAMM-28.0	712SG	717,2	711,2
BSW-SRCONF-141SMAMM-32.0	813SG	818,8	812,8
BSW-SRCONF-141SMAMM-36.0	915SG	920,4	914,4
BSW-SRCONF-141SMAMM-48.0	1220SG	1.225,2	1.219,2



bsw TestSystems & Consulting AG, Waldenbucher Str. 42, 71065 Sindelfingen
 Tel. +49 (0)7031 - 41 00 89 - 28 Fax +49 (0)7031 - 41 00 89 - 18

[Mailto: info@bsw-ag.com](mailto:info@bsw-ag.com)

Current Update: 01.09.2015

