



SOLVANG TECHNOLOGY INC.

www.solvangtech.com

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6GHZ N MALE TO SMA MALE FOR 89 SERIES

CABLE ASSEMBLY 183CM LOW PIM:160 DBC @3GHZ

P/NO.STI03-8901-183



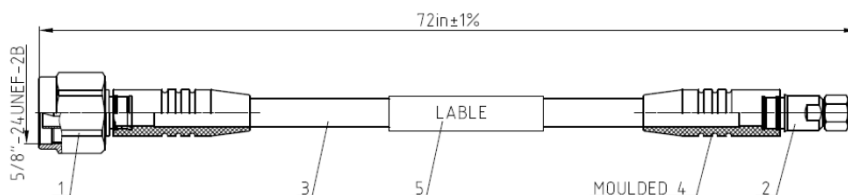
SPECIFICATION

Frequency	DC-6GHz
Impedance:	50Ohm
VSWR:	1.25:1(Max.)@DC-3GHz 1.30:1(Max.)@3-6GHz
Insertion Loss:	1.1dB(Max.)@DC-3GHz
PIM:	-160dBc(@2x43dBm)
Durability:	500 Cycles
Connection 1:	N Male
Connection 2:	SMA Male
RF Cable:	89 Series Flexible Coaxial Cable
Cable Overall Diameter:	7.0mm

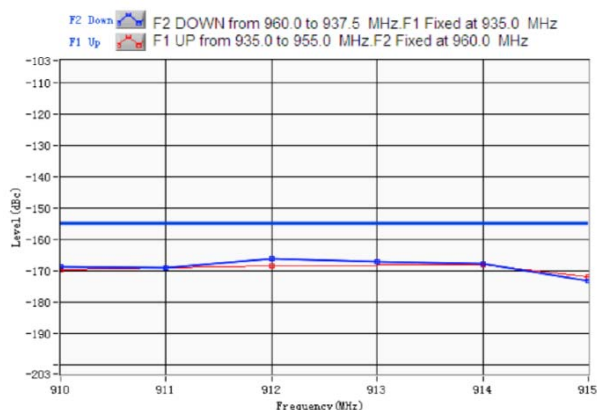
MATERIAL LIST

Part	Material	Plated
Connector Body	Brass	White Bronze
Moulded	PVC/PE	Black

OUTLINE DRAWING



TESTING DATA (100% S-PARAMETER TESTED)



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FLEXIBLE 89 SERIES CABLE



SPECIFICATION

Cut-Off Frequency	19GHz
Impedance:	50Ohm
Capacitance:	95pF/m
Velocity of Propagation:	70%
Shielding Effectiveness:	100dB
Min. Bend Radius Static:	30mm
Repeated Bend Radius:	120mm
Operating Temperature:	-55~125℃

MATERIAL LIST

Part	Material	Diameter
Inner Conductor	Silver Plated Copper	1.63mm
Dielectric	PTFE	5.27mm
Outer Conductor	Tin Soaked Copper Braid	6.20mm
Jacket	FEP	7.0mm

ATTENTION

MHz	dB/m
500	0.17
1000	0.25
3000	0.46
5000	0.63
10000	0.98

POWER

MHZ	Watts CW
500	1600
1000	1341
3000	745
5000	433
10000	288

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