



SOLVANG TECHNOLOGY INC.

www.solvangtech.com

Email : sales@solvangtech.com

5.8GHZ N MALE IP67 TO N MALE IP67

FOR 67 SERIES CABLE ASSEMBLY

P/NO.STI03-6701-XX



SPECIFICATION

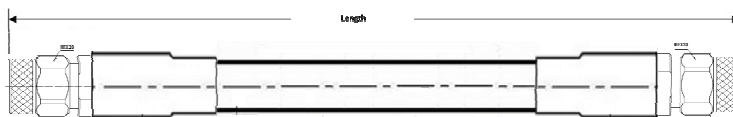
Frequency: DC-5.8GHz
VSWR: 1.3:1(Max.)
Impedance: 50Ohm
Durability: 500 Cycles
Connection 1: N Male(IP67)
Connection 2: N Male(IP67)
RF Cable: 67 Series Coaxial Cable
Cable Overall Diameter: 14.99mm

MATERIAL LIST

Part	Material	Plated
Connector Body	Stainless Steel	Passivated
Connector Center Contact	Brass	Gold
Insulator	PTFE	

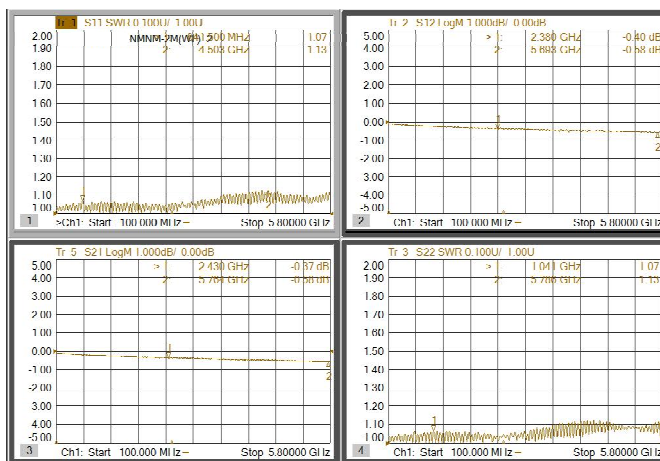
OUTLINE DRAWING

Unit:mm



TESTING DATA (100% S-PARAMETER TESTED)

200cm



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LOW LOSS 67 SERIES WATERPROOF CABLE



SPECIFICATION

Max. Operating Frequency	5.8GHz
Impedance:	50ohm
Velocity of Propagation:	86%
Shielding Effectiveness:	90dB
Min. Static Bending Radius	38mm
Operating Temperature:	-40~85℃

MATERIAL LIST

Part	Material	Diameter
Inner Conductor	Copper Clad Aluminum	4.47mm
Dielectric	EPE	11.56mm
Outer Conductor	Bonded AL/P-Foil	
Outer Shield	Tinned Copper	12.30mm
Aquiclude	Factice	
Jacket	PE	14.99mm

ATTENTION

MHz	dB/m
30	0.016
50	0.020
150	0.032
220	0.038
450	0.056
900	0.082
1500	0.108
1800	0.121
2000	0.128
2500	0.148
5800	0.244

POWER

MHZ	Watts(CW)
30	5510
50	4240
150	2410
220	1970
450	1350
900	930
1500	700
1800	630
2000	590
2500	520
5800	320

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