



SOLVANG TECHNOLOY INC.

www.solvangtech.com

Email : sales@solvangtech.com



6GHZ 4.3/10 MALE TO 4.3/10 MALE

FOR 68 SERIES CABLE ASSEMBLY LOW PIM<155DBC@1800MHZ

P/NO.STI03-6801-XX

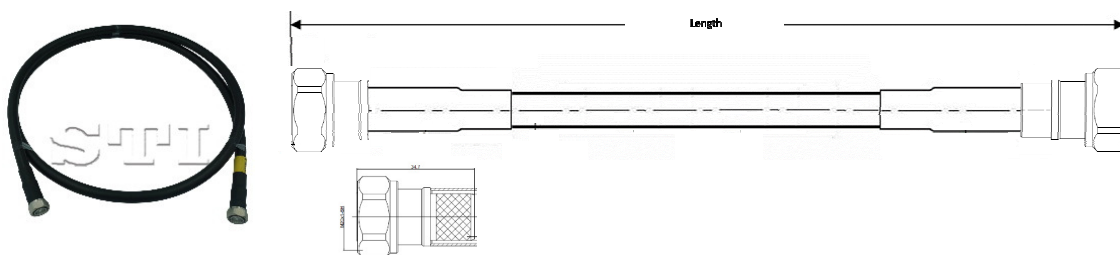
SPECIFICATION

Frequency	DC-6GHz
VSWR:	1.3:1(Max.)
Impedance:	50Ohm
Durability:	500 Cycles
Connection 1:	4.3/10 Male
Connection 2:	4.3/10 Male
PIM:	155 dBc @1800MHz
RF Cable:	68 Series Flexible Coaxial Cable
Cable Overall Diameter:	14.99mm

MATERIAL LIST

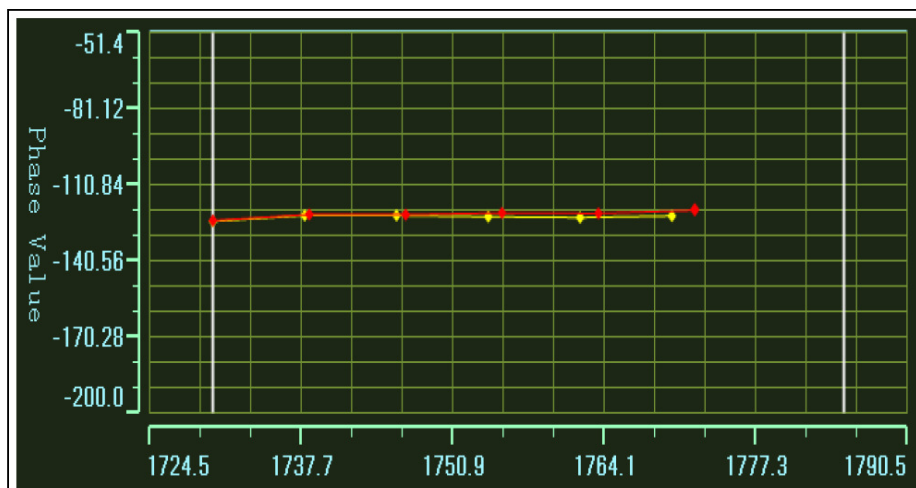
Part	Material	Plated
Connector Body	Brass	White Bronze

OUTLINE DRAWING



TESTING DATA (100% S-PARAMETER TESTED)

200cm



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LOW LOSS 68 SERIES CABLE



SPECIFICATION

Max. Operating Frequency	8GHz
Impedance:	50Ohm
Velocity of Propagation:	87%
Shielding Effectiveness:	90dB
Shields Coverage:	90±3%
Min. Static Bending Radius	38.5mm
Min. Dynamic Bending Radius:	153mm
Operating Temperature:	-40~85℃

MATERIAL LIST

Part	Material	Diameter
Inner Conductor	Bare Copper	4.47±0.02mm
Dielectric	Foam PE	11.56±0.15mm
Outer Conductor	Bonded AL/P-Foil	11.73±0.05mm
Outer Shield	Tinned Copper	12.56±0.10mm
Jacket	PE	14.99±0.15mm

ATTENTION

MHz	dB/m
150	0.032
220	0.039
450	0.056
900	0.082
1500	0.109
1800	0.121
2000	0.128
2500	0.145
5800	0.238
6000	0.279
7000	0.309
8000	0.338

POWER

MHZ	Watts(CW)
150	2410
220	1970
450	1350
900	930
1500	700
1800	630
2000	590
2500	520
5800	320
6000	300
7000	280
8000	260

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