

JYEBAO®

INTRODUCTION

『捷寶』(Jyebao), the company name, means 'quick and agile' and reflects our business philosophy. Jyebao is a vertically integrated company that designs and produces RF connectors, adaptors, cable, cable assemblies & passive components in house. Vertical integration allows for complete control over the entire production process and ensures good quality, short lead times & competitive prices.

RF Connectors

This catalogue contains 36 connector series and new are MMJX, SMPM, 2.4, BNC HDTV and TWB/BNC connector series. Please contact us if you do not find what you need: we specialize in customized solutions.

RF Adaptors

This catalogue contains over 600 adaptor types. New are NMD adaptors, low PIM adaptors and Jyebao patented multi-directional adaptors that rotate 360 degrees around two axis.

RF Cable

Jyebao manufactures a very complete list of coaxial cables, most of which are in stock and can be supplied on short notice.

RF Cable Assemblies

This catalogues offers over 5000 standard cable assembly types the individual data sheets of which can be downloaded from the Jyebao website. Also note our special phase stable test cable with rigid lines to connect a VNA to DUT.

RF Components

Very popular are our fixed attenuators, matching pads, DC Blocks and high power terminations. New are T-port field calibration tools and rotary joints.

STANDARD TEST CABLES PART NUMBERING SYSTEM

A30

Connector 1

A30 -

Connector 2

5005

XX

18G

100

Connector:

A

3

0

Connector Type

- 3: Plug
- 8: Jack

Connector Pattern

- 0: STRAIGHT
- 9: RIGHT ANGLE
- 5: BULKHEAD
- C: SWEPT

Connector Series

- 2.4: 2.4
- A: SMA
- K: K
- N: N
- PC: 3.5
- T: TNC

Cable Length In CM:

- 50: 50cm
- 100: 100cm
- 150: 150cm
- 200: 200cm.....

Operating frequency:

- 3G :3GHz
- 6G :6GHz
- 12G :12.4GHz
- 18G :18GHz

Optional Suffix

- S: STAINLESS ARMOUR
- BT: STAINLESS ARMOUR + BLACK TUBE
- WT: STAINLESS ARMOUR + WHITE TUBE
- RT: STAINLESS ARMOUR + RED TUBE
- BL: STAINLESS ARMOUR + BLUE TUBE
- GT: STAINLESS ARMOUR + GREEN TUBE
- YT: STAINLESS ARMOUR + YELLOW TUBE
- N: STAINLESS ARMOUR + NYLON BRAID
- LW: LOCK WIRE HOLES (AVAILABLE FOR COUPLING NUTS OF N,K,3.5,SMA&TNC PLUGS)

OPTIONAL ARMOURS

Cable Type

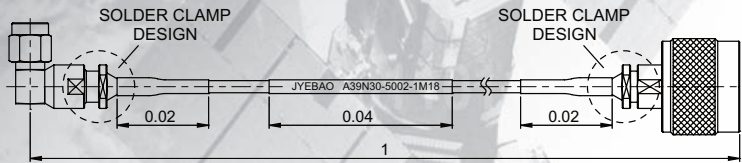
- 5002: 5002 CABLE
- 5003: 5003 CABLE
- 5004: 5004 CABLE
- 5005: 5005 CABLE
- 5006: 5006 CABLE
- 5007: 5007 CABLE

CABLE

INFORMATION ON TEST CABLES

1. Reliability

Jyebao test cables are manufactured with extra sturdy solder clamp designs that ensure a long life span.



2. RF Performance

2.1 Return loss:

Jyebao test cables are manufactured with precision connectors that guarantee good RF performance.

2.2 Operating frequency:

The smaller the cable diameter is the higher the operating frequency that can be achieved but also the higher the insertion loss. The suitable operating frequency for the 5000 cable series is as follows:

5002: up to 50GHz 5004&5005: up to 30GHz
 5003: up to 40GHz 5006& 5007: up to 18GHz

2.3 Phase stability vs flexure

5002 and 5003 cable have a good phase stability. We tested phase stability versus flexure by wrapping the cable around a 5 centimeter mandrel, test results are as follows:

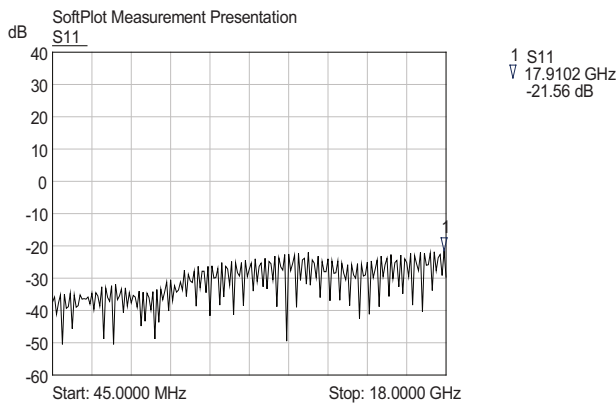
Phase stability vs flexure

Operating Frequency/cable	5002	5003
10GHz	+/-2°	+/-2°
18GHz	+/-6°	+/-4°
30GHz	+/-8°	+/-6°
40GHz	+/-10°	+/-12°

3. Test Reports

Each individual test cable is supplied with a return loss (S11) and insertion loss (S21) test report.

S11 test plot example



4. Standard test cables

Jyebao has a range of standard test cables shown on page 329-334 which can be supplied on short notice.

Their data sheets can be downloaded directly from the JYEBAO website.

5. Optional armours

All test cables can be supplied with one of the following armours:

5.1 Stainless steel flexible hose:

- ⊙ Protects against mechanical damage, pressure, pulling, fire and hot objects.
- ⊙ Suitable for applications of -55°C/+200°C.
- ⊙ Compile a P/N with this armour by adding suffix 'S' to the cable. Eg: A30A30-5005S-18G100
- ⊙ Crush resistance of 45kN/M.

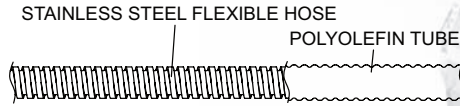
STAINLESS STEEL FLEXIBLE HOSE



TEST CABLE

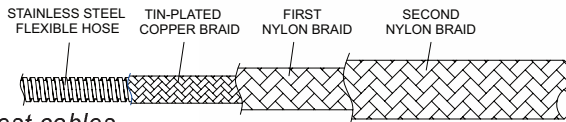
5.2. Stainless steel flexible hose with polyolefin tube:

- ⊙ Protects against mechanical damage, pressure, pulling and gives electrical insulation.
- ⊙ Suitable for applications of -55°C/+125°C.
- ⊙ Allows for color coding (black, white, red, blue, green & yellow polyolefin tubes available).
- ⊙ Compile a P/N with this armour by adding suffix 'BT'(Black tube), 'WT'(White tube), 'RT'(Red tube), 'BL'(Blue tube), 'GT'(Green tube) or 'YT'(Yellow tube) to the cable P/N. Eg: A30A30-5005BT-18G100



5.3. Stainless steel hose with tin plated copper braid & double nylon braid:

- ⊙ Gives excellent flexibility while at the same time providing protection against mechanical damage, pressure and pulling.
- ⊙ Suitable for applications of -55°C/+80°C.
- ⊙ Compile a P/N with this armour by adding suffix 'N' to the cable P/N. Eg: A30A30-5005N-18G100



6. Customized test cables

Jyebao specializes in customized test cables. Please compile the Jyebao part number of the test cable You need or inform us what connector (see list below), cable type, length and operating frequency is required. Upon receiving this information we'll submit a drawing for customer approval. The table below lists Jyebao precision connectors for the 5000 series low loss cables. This list is not exhaustive, if you do not find the connector You need then please ask.

JYEBAO PRECISION CONNECTORS

Connector \ Cable	5002	5003	5004	5005	5006	5007
SMA plug straight	SMA3200S-5002 SMA32NP-0316	SMA32NP-S402	SMA32NP-L160	SMA32NP-L142 SMA3200QS-5005	SMA3200S-L335 SMA3200S-L335/WP	SMA3200S-0L235
SMA plug right angle	SMA3200S-9405	SMA3200S-9402	SMA3200S-9L160	SMA3200S-9L142		SMA3200S-95007
SMA jack straight			SMA8200S-L160	SMA8200S-0L142	SMA8200S-L335	SMA8200S-5007
SMA jack bulkhead		SMA8205S-S402		SMA8205S-L142		
N plug straight	N3200S-S405 N32SHS-S405	N3200S-S402 N32SHS-S402	N3200S-L160 N32SHS-L160	N3200AS-0L142 N32SHS-0L142	N3200AS-L335 N32SHS-L335	N3200S-0L235 N32SHS-0L235
N plug right angle		N3200S-9S402 N32SHS-9402		N3200S-9L142 N32SHS-9L142	N3200SA-9L335 N32SHS-9L335	
N jack straight	N8200S-5002			N8200S-L142	N8200S-5006	
N jack for bulkhead			N8205S-L160	N8205S-L142		
K plug straight	K3200S-5002	K3200S-5003	K3200S-0L160			
K jack straight	K8200S-5002	K8200S-5003	K8200S-0L160			
TNC plug straight				TNC3200AS-0L142	TNC3200S-L335	
MCX plug straight	MCX3300-S405		MCX3200S-L160			
MCX plug right angle	MCX3300-9405	MCX3300-9402				
BNC plug straight	BNC3200-S405			BNC3200-L142	BNC3200S-L335	
BNC jack straight	BNC8200-5002					
7/16 plug straight		7/16-3200-5003		7/16-3200S-0L142	7/16-3200-L335 7/16-3200A-L335	
7/16 jack straight				7/16-8200S-0L142	7/16-8200-5006	
PC3.5 plug straight	PC3.5-3200S-5002	PC3.5-3200S-5003		PC3.5-3200S-5005		
PC3.5 jack straight	PC3.5-8200S-5002			PC3.5-8200S-5005		
PC7					PC7-5006	
BMA jack straight for panel receptacle		BMA8262-S402				
BMA jack right angle for panel receptacle	BMA8262-9S405					
SMP plug bulkhead			SMP3205S-L160			
SMP jack straight	SMP8200-5002		SMP8200S-5004	SMP8200S-5005		
SMPM jack straight	SMPM8300-5002					
2.4 plug straight	2.4-3200S-5002		2.4-3200S-0L160			
2.4 jack straight	2.4-8200S-5002		2.4-8200S-0L160			
SMS plug straight	SMS3300-5002					
SMB plug straight	SMB3200S-5002					

TEST CABLE

STANDARD TEST CABLES

OVERVIEW OF STANDARD TEST CABLES

Within Series	Between Series	
2.4 TO 2.4.....330	3.5 TO 2.4.....330	N TO TNC.....329
3.5 TO 3.5.....330	3.5 TO K.....330	SMA TO 2.4.....330
K TO K.....330	K TO 2.4.....330	SMA TO 3.5.....330
N TO N.....331	N TO 2.4.....330	SMA TO K.....330
SMA TO SMA331	N TO 3.5.....330	SMA TO N.....333
TNC TO TNC.....329	N TO K.....330	SMA TO TNC.....329

	Frequency	Max Return Loss(dB)	5005 cable	5006 cable
TNC-TNC				
TNC Plug to TNC Plug	3GHz	- 23	T30T30-5005-3GXXX	T30T30-5006-3GXXX
	6Ghz	- 21	T30T30-5005-6GXXX	T30T30-5006-6GXXX
	12.4Ghz	- 19	T30T30-5005-12GXXX	T30T30-5006-12GXXX
	18GHz	- 18	T30T30-5005-18GXXX	T30T30-5006-18GXXX
SMA-TNC				
SMA Plug to TNC Plug	3GHz	- 23	A30T30-5005-3GXXX	A30T30-5006-3GXXX
	6Ghz	- 21	A30T30-5005-6GXXX	A30T30-5006-6GXXX
	12.4Ghz	- 19	A30T30-5005-12GXXX	A30T30-5006-12GXXX
	18GHz	- 18	A30T30-5005-18GXXX	A30T30-5006-18GXXX
SMA Plug right angle to TNC Plug	3GHz	- 20	A39T30-5005-3GXXX	
	6Ghz	- 19	A39T30-5005-6GXXX	
	12.4Ghz	- 18	A39T30-5005-12GXXX	
	18GHz	- 16.5	A39T30-5005-18GXXX	
SMA Jack to TNC Plug	3GHz	- 23	A80T30-5005-3GXXX	A80T30-5006-3GXXX
	6Ghz	- 21	A80T30-5005-6GXXX	A80T30-5006-6GXXX
	12.4Ghz	- 19	A80T30-5005-12GXXX	A80T30-5006-12GXXX
	18GHz	- 18	A80T30-5005-18GXXX	A80T30-5006-18GXXX
N-TNC				
N Plug to TNC Plug	3GHz	- 23	N30T30-5005-3GXXX	N30T30-5006-3GXXX
	6Ghz	- 21	N30T30-5005-6GXXX	N30T30-5006-6GXXX
	12.4Ghz	- 19	N30T30-5005-12GXXX	N30T30-5006-12GXXX
	18GHz	- 18	N30T30-5005-18GXXX	N30T30-5006-18GXXX
N Plug right angle to TNC Plug	3GHz	- 20	N39T30-5005-3GXXX	N39T30-5006-3GXXX
	6Ghz	- 19	N39T30-5005-6GXXX	N39T30-5006-6GXXX
	12.4Ghz	- 16.5	N39T30-5005-12GXXX	N39T30-5006-12GXXX
N Jack to TNC Plug	3GHz	- 23	N80T30-5005-3GXXX	N80T30-5006-3GXXX
	6Ghz	- 21	N80T30-5005-6GXXX	N80T30-5006-6GXXX
	12.4Ghz	- 19	N80T30-5005-12GXXX	N80T30-5006-12GXXX
	18GHz	- 18	N80T30-5005-18GXXX	N80T30-5006-18GXXX
N Jack bulkhead to TNC Plug	3GHz	- 23	N85T30-5005-3GXXX	
	6Ghz	- 21	N85T30-5005-6GXXX	
	12.4Ghz	- 19	N85T30-5005-12GXXX	
	18GHz	- 18	N85T30-5005-18GXXX	

*XXX= indicate required length in cm

	Frequency	Max Return Loss (dB)	5002 cable	5003 cable	5004 cable or 5005 cable
3.5-3.5					
3.5 Plug to 3.5 Plug	33GHz	- 17	PC30PC30-5002-33GXXX	PC30PC30-5003-33GXXX	
	29GHz	- 17			PC30PC30-5005-29GXXX
3.5 Plug to 3.5 Jack	33GHz	- 17	PC30PC80-5002-33GXXX		
	29GHz	- 17			PC30PC80-5005-29GXXX
K -K					
K Plug to K Plug	40GHz	- 16.5	K30K30-5002-40GXXX	K30K30-5003-40GXXX	
K Plug to K Jack	40GHz	- 16.5	K30K80-5002-40GXXX	K30K80-5003-40GXXX	
2.4 -2.4					
2.4 Plug to 2.4 Plug	50GHz	- 16	24302430-5002-50GXXX		
2.4 Plug to 2.4 Jack	50GHz	- 16	24302480-5002-50GXXX		
SMA-K					
SMA Plug to K Plug	18GHz	- 20	A30K30-5002-18GXXX	A30K30-5003-18GXXX	A30K30-5004-18GXXX
SMA Plug to K Jack	18GHz	- 20	A30K80-5002-18GXXX	A30K80-5003-18GXXX	A30K80-5004-18GXXX
SMA Plug right angle to K Plug	18GHz	- 16.5	A39K30-5002-18GXXX	A39K30-5003-18GXXX	A39K30-5004-18GXXX
SMA Plug right angle to K Jack	18GHz	- 16.5	A39K80-5002-18GXXX	A39K80-5003-18GXXX	A39K80-5004-18GXXX
SMA Jack to K Plug	18GHz	- 20			A80K30-5004-18GXXX
SMA-2.4					
SMA Plug to 2.4 Plug	18GHz	- 20	A302430-5002-18GXXX		A302430-5004-18GXXX
SMA Plug to 2.4 Jack	18GHz	- 20	A302480-5002-18GXXX		A302480-5004-18GXXX
SMA Plug right angle to 2.4 Plug	18GHz	- 16.5	A392430-5002-18GXXX		A392430-5004-18GXXX
SMA Plug right angle to 2.4 Jack	18GHz	- 16.5	A392480-5002-18GXXX		A392480-5004-18GXXX
SMA Jack to 2.4 Plug	18GHz	- 20			A802430-5004-18GXXX
SMA-3.5					
SMA Plug to 3.5 Plug	18GHz	- 20	A30PC30-5002-18GXXX	A30PC30-5003-18GXXX	A30PC30-5005-18GXXX
SMA Plug to 3.5 Jack	18GHz	- 20	A30PC80-5002-18GXXX		A30PC80-5005-18GXXX
SMA Plug right angle to 3.5 Plug	18GHz	- 16.5	A39PC30-5002-18GXXX	A39PC30-5003-18GXXX	A39PC30-5005-18GXXX
SMA Plug right angle to 3.5 Jack	18GHz	- 16.5	A39PC80-5002-18GXXX		A39PC80-5005-18GXXX
SMA Jack to 3.5 Plug	18GHz	- 20			A80PC30-5005-18GXXX
N-K					
N Plug to K Plug	18GHz	- 20	N30K30-5002-18GXXX	N30K30-5003-18GXXX	N30K30-5004-18GXXX
N Plug to K Jack	18GHz	- 20	N30K80-5002-18GXXX	N30K80-5003-18GXXX	N30K80-5004-18GXXX
N Jack to K Plug	18GHz	- 20	N80K30-5002-18GXXX		
N-2.4					
N Plug to 2.4 Plug	18GHz	- 20	N302430-5002-18GXXX		N302430-5004-18GXXX
N Plug to 2.4 Jack	18GHz	- 20	N302480-5002-18GXXX		N302480-5004-18GXXX
N Jack to 2.4 Plug	18GHz	- 20	N802430-5002-18GXXX		
N-3.5					
N Plug to 3.5 Plug	18GHz	- 20	N30PC30-5002-18GXXX	N30PC30-5003-18GXXX	N30PC30-5005-18GXXX
N Plug to 3.5 Jack	18GHz	- 20	N30PC80-5002-18GXXX		N30PC80-5005-18GXXX
N Jack to 3.5 Plug	18GHz	- 20	N80PC30-5002-18GXXX		N80PC30-5005-18GXXX
3.5 - K					
3.5 Plug to K Plug	33GHz	- 17	PC30K30-5002-33GXXX	PC30K30-5003-33GXXX	
3.5 Plug to K Jack	33GHz	- 17	PC30K80-5002-33GXXX	PC30K80-5003-33GXXX	
3.5 Jack to K Plug	33GHz	- 17	PC80K30-5002-33GXXX		
3.5 - 2.4					
3.5 Plug to 2.4 Plug	33GHz	- 17	PC302430-5002-33GXXX		
3.5 Plug to 2.4 Jack	33GHz	- 17	PC302480-5002-33GXXX		
3.5 Jack to 2.4 Plug	33GHz	- 17	PC802430-5002-33GXXX		
K - 2.4					
K Plug to 2.4 Plug	40GHz	- 16.5	K302430-5002-40GXXX		
K Plug to 2.4 Jack	40GHz	- 16.5	K302480-5002-40GXXX		
K Jack to 2.4 Plug	40GHz	- 16.5	K802430-5002-40GXXX		

*XXX= indicate required length in cm



	Frequency	Max Return Loss (dB)	5002 cable	5003 cable	5004 cable
SMA -SMA					
SMA Plug to SMA Plug	3GHz	- 25	A30A30-5002-3GXXX	A30A30-5003-3GXXX	A30A30-5004-3GXXX
	6Ghz	- 23	A30A30-5002-6GXXX	A30A30-5003-6GXXX	A30A30-5004-6GXXX
	12.4Ghz	- 20	A30A30-5002-12GXXX	A30A30-5003-12GXXX	A30A30-5004-12GXXX
	18GHz	- 18	A30A30-5002-18GXXX	A30A30-5003-18GXXX	A30A30-5004-18GXXX
	27GHZ	- 16	A30A30-5002-27GXXX	A30A30-5003-27GXXX	
SMA Plug to SMA Plug right angle	3GHz	- 20	A30A39-5002-3GXXX	A30A39-5003-3GXXX	A30A39-5004-3GXXX
	6Ghz	- 19	A30A39-5002-6GXXX	A30A39-5003-6GXXX	A30A39-5004-6GXXX
	12.4Ghz	- 18	A30A39-5002-12GXXX	A30A39-5003-12GXXX	A30A39-5004-12GXXX
	18GHz	- 16.5	A30A39-5002-18GXXX	A30A39-5003-18GXXX	A30A39-5004-18GXXX
SMA Plug to SMA Jack	3GHz	- 25			A30A80-5004-3GXXX
	6Ghz	- 23			A30A80-5004-6GXXX
	12.4Ghz	- 20			A30A80-5004-12GXXX
	18GHz	- 18			A30A80-5004-18GXXX
SMA Plug to SMA Jack bulkhead	3GHz	- 25		A30A85-5003-3GXXX	
	6Ghz	- 23		A30A85-5003-6GXXX	
	12.4Ghz	- 20		A30A85-5003-12GXXX	
	18GHz	- 18		A30A85-5003-18GXXX	
SMA Plug right angle to SMA Jack	3GHz	- 20			A39A80-5004-3GXXX
	6Ghz	- 19			A39A80-5004-6GXXX
	12.4Ghz	- 18			A39A80-5004-12GXXX
	18GHz	- 16.5			A39A80-5004-18GXXX
SMA Plug right angle to SMA Jack bulkhead	3GHz	- 20		A39A85-5003-3GXXX	
	6Ghz	- 19		A39A85-5003-6GXXX	
	12.4Ghz	- 18		A39A85-5003-12GXXX	
	18GHz	- 16.5		A39A85-5003-18GXXX	
N-N					
N Plug to N Plug	3GHz	- 25	N30N30-5002-3GXXX	N30N30-5003-3GXXX	N30N30-5004-3GXXX
	6Ghz	- 23	N30N30-5002-6GXXX	N30N30-5003-6GXXX	N30N30-5004-6GXXX
	12.4Ghz	- 20	N30N30-5002-12GXXX	N30N30-5003-12GXXX	N30N30-5004-12GXXX
	18GHz	- 18	N30N30-5002-18GXXX	N30N30-5003-18GXXX	N30N30-5004-18GXXX
N Plug to N Plug right angle	3GHz	- 20		N30N39-5003-3GXXX	
	6Ghz	- 19		N30N39-5003-6GXXX	
	12.4Ghz	- 16.5		N30N39-5003-12GXXX	
N Plug to N Jack	3GHz	- 25	N30N80-5002-3GXXX		
	6Ghz	- 23	N30N80-5002-6GXXX		
	12.4Ghz	- 20	N30N80-5002-12GXXX		
	18GHz	- 18	N30N80-5002-18GXXX		
N Plug to N Jack bulkhead	3GHz	- 25			N30N85-5004-3GXXX
	6Ghz	- 23			N30N85-5004-6GXXX
	12.4Ghz	- 20			N30N85-5004-12GXXX
	18GHz	- 18			N30N85-5004-18GXXX
N Plug right angle to N Jack	3GHz	- 20			

*XXX= indicate required length in cm

TEST CABLE

	Frequency	Max Return Loss (dB)	5005 cable	5005N cable (= armored 5005 cable)	5007 cable	5006 cable
SMA -SMA						
SMA Plug to SMA Plug	3GHz	- 25	A30A30-5005-3GXXX	A30A30-5005N-3GXXX	A30A30-5007-3GXXX	A30A30-5006-3GXXX
	6Ghz	- 23	A30A30-5005-6GXXX	A30A30-5005N-6GXXX	A30A30-5007-6GXXX	A30A30-5006-6GXXX
	12.4Ghz	- 20	A30A30-5005-12GXXX	A30A30-5005N-12GXXX	A30A30-5007-12GXXX	A30A30-5006-12GXXX
	18GHz	- 18	A30A30-5005-18GXXX	A30A30-5005N-18GXXX	A30A30-5007-18GXXX	A30A30-5006-18GXXX
	27GHZ	- 16				
SMA Plug to SMA Plug right angle	3GHz	- 20	A30A39-5005-3GXXX		A30A39-5007-3GXXX	
	6Ghz	- 19	A30A39-5005-6GXXX		A30A39-5007-6GXXX	
	12.4Ghz	- 18	A30A39-5005-12GXXX		A30A39-5007-12GXXX	
	18GHz	- 16.5	A30A39-5005-18GXXX		A30A39-5007-18GXXX	
SMA Plug to SMA Jack	3GHz	- 25	A30A80-5005-3GXXX		A30A80-5007-3GXXX	A30A80-5006-3GXXX
	6Ghz	- 23	A30A80-5005-6GXXX		A30A80-5007-6GXXX	A30A80-5006-6GXXX
	12.4Ghz	- 20	A30A80-5005-12GXXX		A30A80-5007-12GXXX	A30A80-5006-12GXXX
	18GHz	- 18	A30A80-5005-18GXXX		A30A80-5007-18GXXX	A30A80-5006-18GXXX
SMA Plug to SMA Jack bulkhead	3GHz	- 25	A30A85-5005-3GXXX			
	6Ghz	- 23	A30A85-5005-6GXXX			
	12.4Ghz	- 20	A30A85-5005-12GXXX			
	18GHz	- 18	A30A85-5005-18GXXX			
SMA Plug right angle to SMA Jack	3GHz	- 20	A39A80-5005-3GXXX		A39A80-5007-3GXXX	
	6Ghz	- 19	A39A80-5005-6GXXX		A39A80-5007-6GXXX	
	12.4Ghz	- 18	A39A80-5005-12GXXX		A39A80-5007-12GXXX	
	18GHz	- 16.5	A39A80-5005-18GXXX		A39A80-5007-18GXXX	
SMA Plug right angle to SMA Jack bulkhead	3GHz	- 20	A39A85-5005-3GXXX			
	6Ghz	- 19	A39A85-5005-6GXXX			
	12.4Ghz	- 18	A39A85-5005-12GXXX			
	18GHz	- 16.5	A39A85-5005-18GXXX			
N-N						
N Plug to N Plug	3GHz	- 25	N30N30-5005-3GXXX	N30N30-5005N-3GXXX	N30N30-5007-3GXXX	N30N30-5006-3GXXX
	6Ghz	- 23	N30N30-5005-6GXXX	N30N30-5005N-6GXXX	N30N30-5007-6GXXX	N30N30-5006-6GXXX
	12.4Ghz	- 20	N30N30-5005-12GXXX	N30N30-5005N-12GXXX	N30N30-5007-12GXXX	N30N30-5006-12GXXX
	18GHz	- 18	N30N30-5005-18GXXX	N30N30-5005N-18GXXX	N30N30-5007-18GXXX	N30N30-5006-18GXXX
N Plug to N Plug right angle	3GHz	- 20	N30N39-5005-3GXXX			N30N39-5006-3GXXX
	6Ghz	- 19	N30N39-5005-6GXXX			N30N39-5006-6GXXX
	12.4Ghz	- 16.5	N30N39-5005-12GXXX			N30N39-5006-12GXXX
N Plug to N Jack	3GHz	- 25	N30N80-5005-3GXXX			N30N80-5006-3GXXX
	6Ghz	- 23	N30N80-5005-6GXXX			N30N80-5006-6GXXX
	12.4Ghz	- 20	N30N80-5005-12GXXX			N30N80-5006-12GXXX
	18GHz	- 18	N30N80-5005-18GXXX			N30N80-5006-18GXXX
N Plug to N Jack bulkhead	3GHz	- 25	N30N85-5005-3GXXX			
	6Ghz	- 23	N30N85-5005-6GXXX			
	12.4Ghz	- 20	N30N85-5005-12GXXX			
	18GHz	- 18	N30N85-5005-18GXXX			
N Plug right angle to N Jack	3GHz	- 20	N39N80-5005-3GXXX			N39N80-5006-3GXXX

*XXX= indicate required length in cm



	Frequency	Max Return Loss (dB)	5002 cable	5003 cable	5004 cable
N Plug right angle to N Jack	6Ghz	- 18			
	12.4Ghz	- 16.5			
N Plug right angle to N Jack bulkhead	3GHz	- 20			
	6Ghz	- 19			
	12.4Ghz	- 16.5			
SMA-N					
SMA Plug to N Plug	3GHz	- 25	A30N30-5002-3GXXX	A30N30-5003-3GXXX	A30N30-5004-3GXXX
	6Ghz	- 23	A30N30-5002-6GXXX	A30N30-5003-6GXXX	A30N30-5004-6GXXX
	12.4Ghz	- 20	A30N30-5002-12GXXX	A30N30-5003-12GXXX	A30N30-5004-12GXXX
	18GHz	- 18	A30N30-5002-18GXXX	A30N30-5003-18GXXX	A30N30-5004-18GXXX
SMA Plug to N Plug right angle	3GHz	- 20		A30N39-5003-3GXXX	
	6Ghz	- 19		A30N39-5003-6GXXX	
	12.4Ghz	- 16.5		A30N39-5003-12GXXX	
SMA Plug to N Jack	3GHz	- 25	A30N80-5002-3GXXX		
	6Ghz	- 23	A30N80-5002-6GXXX		
	12.4Ghz	- 20	A30N80-5002-12GXXX		
	18GHz	- 18	A30N80-5002-18GXXX		
SMA Plug to N Jack bulkhead	3GHz	- 25			A30N85-5004-3GXXX
	6Ghz	- 23			A30N85-5004-6GXXX
	12.4Ghz	- 20			A30N85-5004-12GXXX
	18GHz	- 18			A30N85-5004-18GXXX
SMA Plug right angle to N Plug	3GHz	- 20	A39N30-5002-3GXXX	A39N30-5003-3GXXX	A39N30-5004-3GXXX
	6Ghz	- 19	A39N30-5002-6GXXX	A39N30-5003-6GXXX	A39N30-5004-6GXXX
	12.4Ghz	- 18	A39N30-5002-12GXXX	A39N30-5003-12GXXX	A39N30-5004-12GXXX
	18GHz	- 16.5	A39N30-5002-18GXXX	A39N30-5003-18GXXX	A39N30-5004-18GXXX
SMA Plug right angle to N Jack	3GHz	- 20	A39N80-5002-3GXXX		
	6Ghz	- 19	A39N80-5002-6GXXX		
	12.4Ghz	- 18	A39N80-5002-12GXXX		
	18GHz	- 16.5	A39N80-5002-18GXXX		
SMA Plug right angle to N Jack bulkhead	3GHz	- 20			A39N85-5004-3GXXX
	6Ghz	- 19			A39N85-5004-6GXXX
	12.4Ghz	- 18			A39N85-5004-12GXXX
	18GHz	- 16.5			A39N85-5004-18GXXX
SMA Jack to N Plug	3GHz	- 25			A80N30-5004-3GXXX
	6Ghz	- 23			A80N30-5004-6GXXX
	12.4Ghz	- 20			A80N30-5004-12GXXX
	18GHz	- 18			A80N30-5004-18GXXX
SMA Jack to N Plug right angle	3GHz	- 20			
	6Ghz	- 19			
	12.4Ghz	- 16.5			

*XXX= indicate required length in cm

TEST CABLE

	Frequency	Max Return Loss (dB)	5005 cable	5005N cable (= armored 5005 cable)	5007 cable	5006 cable
N Plug right angle to N Jack	6Ghz	- 18	N39N80-5005-6GXXX			N39N80-5006-6GXXX
	12.4Ghz	- 16.5	N39N80-5005-12GXXX			N39N80-5006-12GXXX
N Plug right angle to N Jack bulkhead	3GHz	- 20	N39N85-5005-3GXXX			
	6Ghz	- 19	N39N85-5005-6GXXX			
	12.4Ghz	- 16.5	N39N85-5005-12GXXX			
SMA-N						
SMA Plug to N Plug	3GHz	- 25	A30N30-5005-3GXXX	A30N30-5005N-3GXXX	A30N30-5007-3GXXX	A30N30-5006-3GXXX
	6Ghz	- 23	A30N30-5005-6GXXX	A30N30-5005N-6GXXX	A30N30-5007-6GXXX	A30N30-5006-6GXXX
	12.4Ghz	- 20	A30N30-5005-12GXXX	A30N30-5005N-12GXXX	A30N30-5007-12GXXX	A30N30-5006-12GXXX
	18GHz	- 18	A30N30-5005-18GXXX	A30N30-5005N-18GXXX	A30N30-5007-18GXXX	A30N30-5006-18GXXX
SMA Plug to N Plug right angle	3GHz	- 20	A30N39-5005-3GXXX			A30N39-5006-3GXXX
	6Ghz	- 19	A30N39-5005-6GXXX			A30N39-5006-6GXXX
	12.4Ghz	- 16.5	A30N39-5005-12GXXX			A30N39-5006-12GXXX
SMA Plug to N Jack	3GHz	- 25	A30N80-5005-3GXXX			A30N80-5006-3GXXX
	6Ghz	- 23	A30N80-5005-6GXXX			A30N80-5006-6GXXX
	12.4Ghz	- 20	A30N80-5005-12GXXX			A30N80-5006-12GXXX
	18GHz	- 18	A30N80-5005-18GXXX			A30N80-5006-18GXXX
SMA Plug to N Jack bulkhead	3GHz	- 25	A30N85-5005-3GXXX			
	6Ghz	- 23	A30N85-5005-6GXXX			
	12.4Ghz	- 20	A30N85-5005-12GXXX			
	18GHz	- 18	A30N85-5005-18GXXX			
SMA Plug right angle to N Plug	3GHz	- 20	A39N30-5005-3GXXX		A39N30-5007-3GXXX	
	6Ghz	- 19	A39N30-5005-6GXXX		A39N30-5007-6GXXX	
	12.4Ghz	- 18	A39N30-5005-12GXXX		A39N30-5007-12GXXX	
	18GHz	- 16.5	A39N30-5005-18GXXX		A39N30-5007-18GXXX	
SMA Plug right angle to N Jack	3GHz	- 20	A39N80-5005-3GXXX			
	6Ghz	- 19	A39N80-5005-6GXXX			
	12.4Ghz	- 18	A39N80-5005-12GXXX			
	18GHz	- 16.5	A39N80-5005-18GXXX			
SMA Plug right angle to N Jack bulkhead	3GHz	- 20	A39N85-5005-3GXXX			
	6Ghz	- 19	A39N85-5005-6GXXX			
	12.4Ghz	- 18	A39N85-5005-12GXXX			
	18GHz	- 16.5	A39N85-5005-18GXXX			
SMA Jack to N Plug	3GHz	- 25	A80N30-5005-3GXXX		A80N30-5007-3GXXX	A80N30-5006-3GXXX
	6Ghz	- 23	A80N30-5005-6GXXX		A80N30-5007-6GXXX	A80N30-5006-6GXXX
	12.4Ghz	- 20	A80N30-5005-12GXXX		A80N30-5007-12GXXX	A80N30-5006-12GXXX
	18GHz	- 18	A80N30-5005-18GXXX		A80N30-5007-18GXXX	A80N30-5006-18GXXX
SMA Jack to N Plug right angle	3GHz	- 20	A80N39-5005-3GXXX			A80N39-5006-3GXXX
	6Ghz	- 19	A80N39-5005-6GXXX			A80N39-5006-6GXXX
	12.4Ghz	- 16.5	A80N39-5005-12GXXX			A80N39-5006-12GXXX

*XXX= indicate required length in cm

TEST CABLE