

CABLE ASSEMBLY

INTRODUCTION

Cable assemblies are often employed to connect two different series of connectors on associated equipments. Complete cable assemblies can be made with semi-rigid or flexible cable.

It depends on mechanical compatibility, electrical performance, specific application requirements and the interface system when you select connector types. The cable type is selected on the basis of impedance, attenuation and size, etc. You cannot achieve desired performance without the proper cable-connector combination.

Jyebao assembles "Coaxial Cable Assemblies" according to customer's specifications, using cable types including RF and Microwave flexible/semi-rigid cables of diameters ranging from 0.03 inch to more than 1 inch. Connector types used include SMA, SMB, SMC, MCX, MMCX, BNC, TNC, N, SHV, MHV C, SC, SMP, K, FME, BMC, 7/16, HN, 3.5, SSMB, SMS, BMA, 10KV, 20KV and other special connectors.

Our Cable Assemblies assure 100% electrical and mechanical compatibility, and the highest quality performance with the cable and connector selection from this catalog. Moreover, Jyebao develops custom-design cable assemblies with special connector types and/or special cable types for applications over 25 GHz in frequency range and within +/- 3 degrees in phase matching.



CABLE

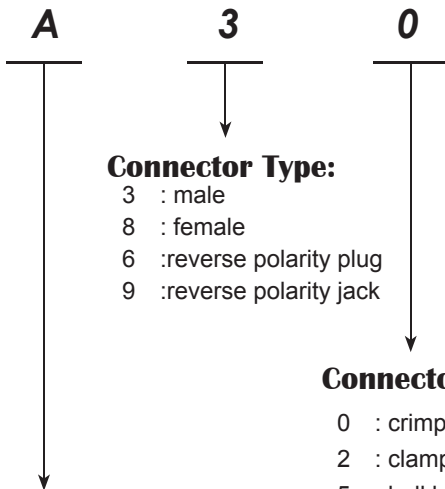
THE PART NUMBERING SYSTEM OF JYE BAO CABLE ASSEMBLIES

EXAMPLE

A30 N 80 - 0400 - 3FT: SMA(M)-N(F), RG400, 3FT

Connector 1 **Connector 2**

• **Connector :**



Connector Type:

- 3 : male
- 8 : female
- 6 : reverse polarity plug
- 9 : reverse polarity jack

Connector Pattern:

- 0 : crimp, solder
- 2 : clamp
- 5 : bulkhead
- 6 : panel
- 9 : right angle

RF Conn. Series:

- A : SMA G : BMC
- S : SMB DI : 7/16
- MC: SMC AQ: SNAP ON SMA
- B : BNC TQ: SNAP ON TNC
- T : TNC HN: HN
- N : N
- M : UHF
- MU: MUHF
- SC: SC
- SB: SSMB
- SS: SSMC
- FME: FME
- P : SMP JACK
- PS: SMP SMOOTH BORE
- PL: SMP LIMITED DETENT
- PF: SMP FULL DETENT
- SM: SMS
- J : BMA
- PC: PC3.5
- H : MHV
- V : SHV
- F : F
- D : MCX
- E : MMCX
- W : TRIAXIAL
- Q : QLA
- TW: TWINAX
- C : C

Cable Length

Cable Type:

0058: RG58	047C: 1.19(.047)	semi-rigid cable (bare copper)
0059: RG59	085C: 2.20(.085)	semi-rigid cable (bare copper)
0179: RG179	141T: 3.58(.141)	semi-rigid cable (tin plated)
0188: RG188	141C: 3.58(.141)	semi-rigid cable (bare copper)
0142: RG142	141A: 3.58(.141)	semi-rigid cable (silver plated)
0400: RG400	85SRF: 2.20(.086)	semi-rigid flexible cable
0214: RG214	141SRF: 3.58(.141)	semi-rigid flexible cable
0316: RG316	5002: 2.64(.104)	spiral strip shield flexible cable
5DFB: 5DFB	5003: 4.14(.163)	spiral strip shield flexibel cable
8DFB: 8DFB	5005: 4.95(.195)	low loss coaxial cable
L100: JBY100	5006: 8.51(.335)	low loss coaxial cable
L195:	5007: 5.97(.235)	low loss coaxial cable
	JBY100: JBY100	low loss coaxial cable
	JBY195: JBY195	low loss coaxial cable
	JBY200: JBY200	low loss coaxial cable