



southwest antennas

CUSTOM RF CABLE ASSEMBLIES

CABLE

CONNECTOR B

CONNECTOR A





RF CABLE TYPE

RF CONNECTOR B



RF CONNECTOR A

INTRODUCING OUR SWA CUSTOM RF CABLE ASSEMBLY BUILDER



TRY OUR NEW WEBSITE BASED RF CABLE ASSEMBLY BUILDER

- 14 COMMON RF CABLE TYPES
- 29 RF CONNECTORS
- CABLE LENGTHS FROM 1.5 IN TO 250 FT
- INSTANTLY GET A DRAWING & DATASHEET
- ORDER ONLINE
- SAME HIGH QUALITY AS OUR ANTENNAS

CABLE TYPES

RG-174

RG-178

RD-316

RG-316

LMR 195

LMR 200

LMR 240

LMR 400

LMR 600

CONFORMABLE .047"

CONFORMABLE .086"

CONFORMABLE .141"

RG-402

RG-405

14 RF CABLE TYPES TO CHOOSE FROM

IMPEDANCE	FREQUENCY RANGE	INNER CONDUCTOR	DIELECTRIC	OUTER CONDUCTOR	OVERALL BRAID	JACKET
50 OHMS	DC - 1 GHz	SILVER PLATED COPPER CLAD STEEL	PE	N/A	TINNED COPPER	PVC BLACK 0.011"
50 OHMS	DC - 3 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	SILVER PLATED COPPER BRAID	FEP, TAN 0.072"
50 OHMS	DC - 6 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	COPPER+SILVER PLATED	SILVER PLATED COPPER BRAID	FEP, TAN 0.118"
50 OHMS	DC - 3 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	SILVER PLATED COPPER BRAID	FEP, TAN 0.102"
50 OHMS	DC - 8 GHz	SOLID BC	FOAM PE	ALUMINUM TAPE	TINNED COPPER	PE BLACK 0.195"
50 OHMS	DC - 8 GHz	SOLID BC	FOAM PE	ALUMINUM TAPE	TINNED COPPER	PE BLACK 0.205"
50 OHMS	DC - 8 GHz	SOLID BC	FOAM PE	ALUMINUM TAPE	TINNED COPPER	PE BLACK 0.240"
50 OHMS	DC - 8 GHz	SOLID BC	FOAM PE	ALUMINUM TAPE	TINNED COPPER	PE BLACK 0.405"
50 OHMS	DC - 8 GHz	SOLID BC	FOAM PE	ALUMINUM TAPE	TINNED COPPER	PE BLACK 0.590"
50 OHMS	DC - 20 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	TINNED ALUMINUM	NO JACKET 0.047"
50 OHMS	DC - 40 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	TINNED ALUMINUM	NO JACKET 0.086"
50 OHMS	DC - 36 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	TINNED ALUMINUM	NO JACKET 0.141"
50 OHMS	DC - 36 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	TINNED ALUMINUM	NO JACKET 0.141"
50 OHMS	DC - 40 GHz	SILVER PLATED COPPER CLAD STEEL	PTFE	N/A	TINNED ALUMINUM	NO JACKET 0.086"

CHOOSE LENGTHS FROM 1.5 IN TO 250 FT

3

29 RF CONNECTORS TO CHOOSE FROM ARRANGED FROM LARGEST TO SMALLEST



**N STRAIGHT
MALE**



**N RIGHT
ANGLE MALE**



**N STRAIGHT
FEMALE**



**N RIGHT ANGLE
FEMALE BULKHEAD**



**N STRAIGHT
FEMALE BULKHEAD**



**BNC STRAIGHT
MALE**



**BNC RIGHT
ANGLE MALE**



**BNC STRAIGHT
FEMALE**



**BNC FEMALE
FRONT-MOUNT**



**BNC BULKHEAD
FEMALE**



**TNC STRAIGHT
MALE**



**TNC RIGHT
ANGLE MALE**



**TNC FEMALE
BULKHEAD**



**RP-TNC
MALE**



**RP-TNC BULKHEAD
FEMALE**



**SMC STRAIGHT
MALE**



**SMA STRAIGHT
MALE**



**SMA RIGHT
ANGLE MALE**



**SMA STRAIGHT
BULKHEAD FEMALE**



**SMA RIGHT
ANGLE FEMALE**



**SMA STRAIGHT
FEMALE**



**RP-SMA
STRAIGHT MALE**



**RP-SMA BULKHEAD
FEMALE**



**SMA 4 HOLE FLANGE
MOUNT FEMALE**



**MMCX STRAIGHT
MALE**



**MMCX RIGHT
ANGLE MALE**



**MMCX STRAIGHT
FEMALE**



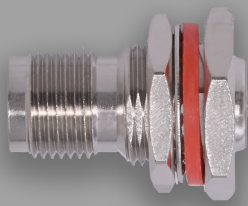
**SMP RIGHT
ANGLE FEMALE**



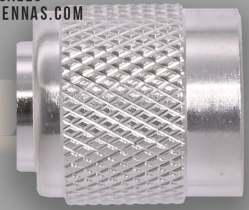
**SMP STRAIGHT
FEMALE**

CABLE & CONNECTOR COMPATIBILITY MATRIX

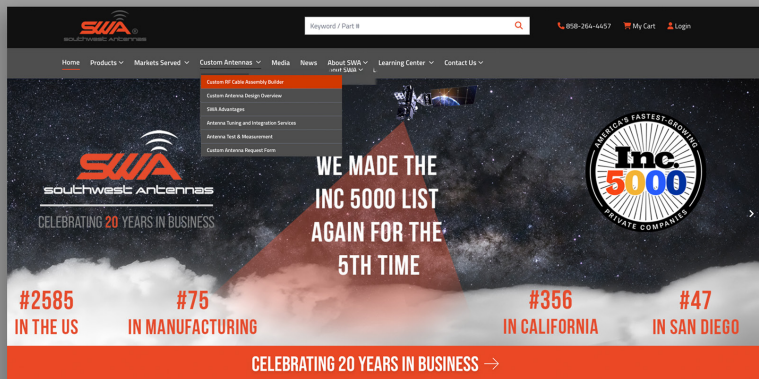
	RG-174	RD-316	RG-316	RG-178	LMR 195	LMR 200	LMR 240	LMR 400	LMR 600	CONFORMABLE .047"	CONFORMABLE .086"	CONFORMABLE .141"	RG-402	RG-405
BNC STRAIGHT MALE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BNC RIGHT ANGLE MALE	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BNC STRAIGHT FEMALE	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BNC FRONT-MOUNT FEMALE	✓	✓	✓											
BNC BULKHEAD FEMALE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MMCX STRAIGHT MALE	✓	✓	✓	✓						✓	✓	✓	✓	✓
MMCX RIGHT ANGLE MALE	✓	✓	✓	✓						✓	✓	✓	✓	✓
MMCX STRAIGHT FEMALE	✓	✓	✓	✓						✓	✓	✓	✓	✓
N STRAIGHT MALE	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N RIGHT ANGLE MALE	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
N STRAIGHT FEMALE		✓	✓	✓	✓		✓	✓	✓					
N RIGHT ANGLE FEMALE BULKHEAD	✓	✓	✓		✓									
N BULKHEAD FEMALE	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMA STRAIGHT MALE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMA RIGHT ANGLE MALE	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
SMA STRAIGHT FEMALE	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓
SMA RIGHT ANGLE FEMALE	✓	✓	✓	✓										
SMA STRAIGHT BULKHEAD FEMALE	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
RP-SMA MALE	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
RP-SMA BULKHEAD FEMALE	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
SMA FEMALE 4 HOLE FLANGE	✓	✓	✓											
SMC STRAIGHT MALE		✓	✓											
SMP RIGHT ANGLE FEMALE	✓	✓	✓	✓						✓	✓	✓	✓	✓
SMP STRAIGHT FEMALE	✓	✓	✓	✓						✓	✓	✓	✓	✓
TNC MALE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TNC RIGHT ANGLE MALE	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TNC FEMALE BULKHEAD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RP-TNC MALE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RP-TNC BULKHEAD FEMALE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



- 1 GO TO OUR WEBSITE & CHOOSE CUSTOMIZED RF CABLE ASSEMBLIES BUILDER FROM THE PRODUCTS MENU
- 2 ENTER LENGTH OF CABLE IN FEET & INCHES AND CHOOSE THE DESIRED CABLE
- 3 GO TO THE "CONNECTOR A" TAB AT THE TOP OF THE FILTER AND CHOOSE THE "A" RF CONNECTOR
- 4 GO TO THE "CONNECTOR B" TAB AT THE TOP OF THE FILTER AND CHOOSE THE "B" RF CONNECTOR, THEN CLICK CONTINUE
- 5 IF YOU NEED DIFFERENT RF CABLE ASSEMBLIES THAN THE BUILDER PROVIDES, PLEASE CONTACT SALES SALES@SOUTHWESTANTENNAS.COM
- 6 CHECK ALL THE SPECS ON THE DRAWING & DATA SHEET BEFORE PURCHASING
- 7 DOWNLOAD DATA SHEET
- 8 DOWNLOAD CABLE SPECS
- 9 DOWNLOAD CONNECTOR DRAWINGS
- 10 CHECK QUANTITY PRICING, ADD THE DESIRED NUMBER OF CABLE ASSEMBLIES & CLICK "ADD TO CART"
- 11 CLICK THE CHECK BOX TO ACKNOWLEDGE THE 4-6 WEEK LEAD TIMES FOR RF CABLE ASSEMBLIES
- 12 BUILT TO YOUR EXACT SPECIFICATIONS, DELIVERED READY FOR USE IN MISSION-CRITICAL SYSTEMS.



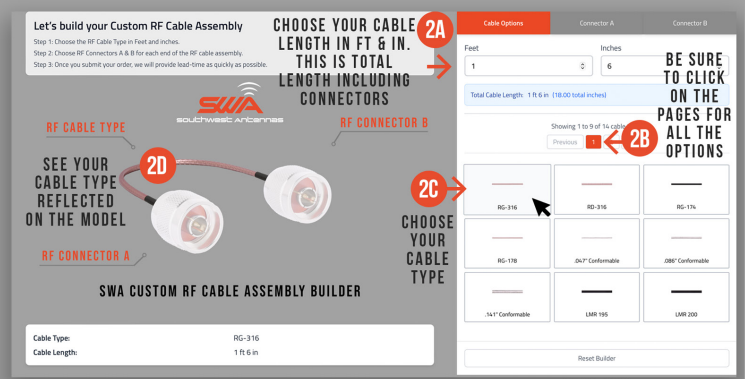
1 SOUTHWESTANTENNAS.COM → PRODUCTS OR CUSTOM ANTENNAS → CUSTOM RF CABLE ASSEMBLY BUILDER



WE MADE THE INC 5000 LIST AGAIN FOR THE 5TH TIME

#2585 IN THE US #75 IN MANUFACTURING #356 IN CALIFORNIA #47 IN SAN DIEGO

CELEBRATING 20 YEARS IN BUSINESS →



Let's build your Custom RF Cable Assembly

Step 1: Choose the RF Cable Type in Feet and inches.

Step 2: Choose RF Connectors A & B for each end of the RF cable assembly.

Step 3: Once you submit your order, we will provide lead-time as quickly as possible.

CHOOSE YOUR CABLE LENGTH IN FT & IN. THIS IS TOTAL LENGTH INCLUDING CONNECTORS

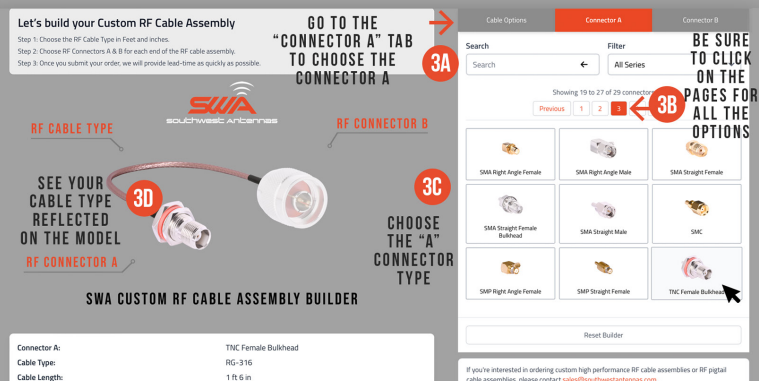
2A

2B

2C

SWA CUSTOM RF CABLE ASSEMBLY BUILDER

Cable Type: RG-316
Cable Length: 1 ft 6 in



Let's build your Custom RF Cable Assembly

Step 1: Choose the RF Cable Type in Feet and inches.

Step 2: Choose RF Connectors A & B for each end of the RF cable assembly.

Step 3: Once you submit your order, we will provide lead-time as quickly as possible.

GO TO THE "CONNECTOR A" TAB TO CHOOSE THE CONNECTOR A

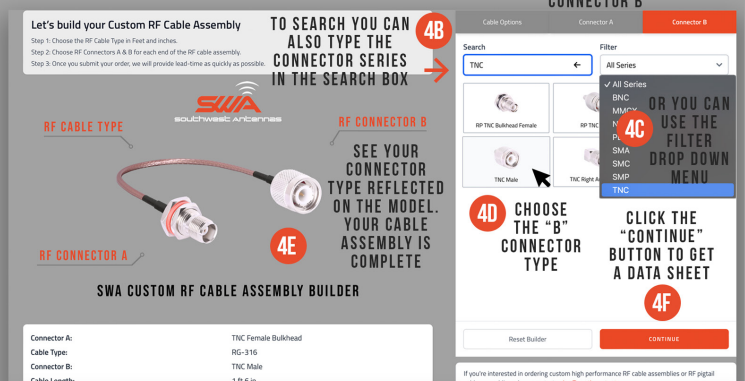
3A

3B

3C

SWA CUSTOM RF CABLE ASSEMBLY BUILDER

Connector A: TNC Female Bulkhead
Cable Type: RG-316
Cable Length: 1 ft 6 in



Let's build your Custom RF Cable Assembly

Step 1: Choose the RF Cable Type in Feet and inches.

Step 2: Choose RF Connectors A & B for each end of the RF cable assembly.

Step 3: Once you submit your order, we will provide lead-time as quickly as possible.

TO SEARCH YOU CAN ALSO TYPE THE CONNECTOR SERIES IN THE SEARCH BOX

4B

4C

4D

4E

4F

SWA CUSTOM RF CABLE ASSEMBLY BUILDER

Connector A: TNC Female Bulkhead
Cable Type: RG-316
Connector B: TNC Male
Cable Length: 1 ft 6 in

- 5 IF YOU'RE LOOKING FOR:
- HIGH PERFORMANCE RF CABLE ASSEMBLIES
 - RF PIGTAIL CABLE ASSEMBLIES
 - RF CABLE ASSEMBLIES WITH CONNECTORS ROTATED AT DIFFERENT ANGLES

EMAIL: SALES@SOUTHWESTANTENNAS.COM



OUR GOAL IS TO CONNECT PEOPLE TO THEIR MISSIONS

