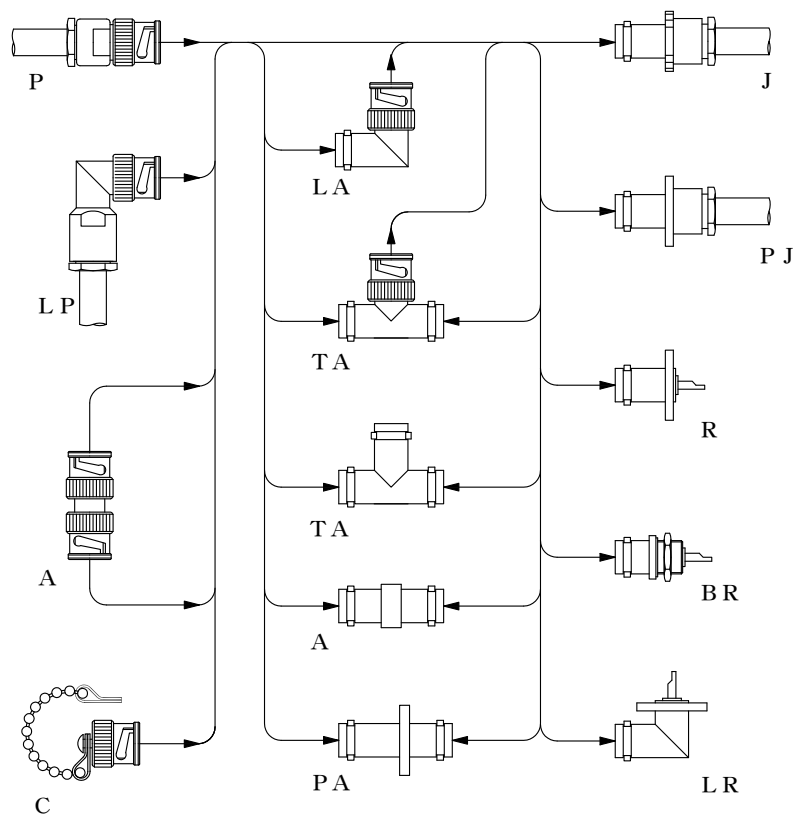


## Coaxial Connector Classification and Mating(1)

Description	Application
P : Plug	Male connector directly connected to cable
LP : L Type Plug	Plug bent at 90°
R : Receptacle	Female Connector attaching panel or chassis
BR : Bulkhead Receptacle	Receptacle mounting with a nut
LR : L Type Receptacle	Receptacle bent at 90°
J : Jack	Female connector directly connected to cable
PJ : Panel Jack	Jack connected to panel
A : Between Series Adapter	Converting connector between male and/or female of various type of connecting
PA : Panel Adapter	Adapter mounted to panel
LA : L Type Adapter	Adapter bent at 90°
TA : T Type Adapter	T-shaped adapter with 3 connectors
C : Cap	Protective Lid



## Coaxial Connector Classification and Mating (2)

Finish		
Ni	Nickel Plated	Standard Plating
Au	Gold Plated	Standard Plating
Ag	Silver Plated	
Cr	Chromium Plated	
PA	Passivation	

- 注 1 Different type of plating available on request.  
 2 Ag plating may be subject to discoloration depending on the environment.  
 3 Please call us.



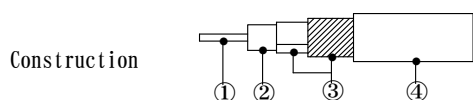
### Crimping Tools

Part No.	Applicable Cable
<b>JTA-16</b>	RG174/U, RG-316/U, 1.5D-2V
<b>JTA-17</b>	RG174/U, 1.5D-2V
<b>JTA-34</b>	3C-2V, 3D-2V, RG-58/U, RG-59/U, RG-62/U
<b>JTA-35</b>	3C-2V, 3D-2V, RG-58/U, 5C-2V, 5D-2V,

## Coaxial Cable List (1)

Item Symbol	Impedance (Ω)	Inner conductor		Insulation		Shielding		Sheath	
		Number/diameter of wire component	Wire compo- nent type	Outer diameter (mm)	Material type	Outer diameter (mm)	Component type	Outer diameter (mm)	Material type
0.8D-2V	50	1/0.26	CW	0.8	PE	1.3	A	2.0	PVC
1.5C-2V	75	0.26	CW	1.6	PE	2.1	A	2.9	PVC
1.7C-2V	75	7/0.12	A	1.95	PE	2.6	A	3.6	PVC
2.5C-2V	75	0.4	A	2.4	PE	3.0	A	4.0	PVC
3C-2V	75	0.5	A	3.1	PE	3.8	A	5.4	PVC
3C-2W	75	0.5	A	3.1	PE	4.5	AA	6.5	PVC
5C-2V	75	0.8	A	4.9	PE	5.6	A	7.4	PVC
5C-2W	75	0.8	A	4.9	PE	6.3	AA	8.3	PVC
7C-2V	75	7/0.4	A	7.3	PE	8.2	A	10.4	PVC
10C-2V	75	7/0.5	A	9.4	PE	10.4	A	13.0	PVC
1.5D-2V	50	7/0.18	A	1.6	PE	2.1	A	2.9	PVC
2.5D-2V	50	0.8	A	2.7	PE	3.3	A	4.3	PVC
3D-2V	50	7/0.32	A	3.0	PE	3.7	A	5.3	PVC
3D-2W	50	7/0.32	A	3.0	PE	4.4	AA	6.4	PVC
5D-2V	50	1.4	A	4.8	PE	5.5	A	7.3	PVC
5D-2W	50	1.4	A	4.8	PE	6.2	AA	8.0	PVC
8D-2V	50	7/0.8	A	7.8	PE	8.7	A	11.1	PVC
8D-2W	50	7/0.8	A	7.8	PE	9.7	AA	12.4	PVC
10D-2V	50	2.9	A	9.7	PE	10.7	A	13.1	PVC
10D-2W	50	2.9	A	9.7	PE	11.7	AA	14.7	PVC
RG-5/U	52.5	1.295	A	4.7	PE	6.3	AA	8.4	PVC
RG-8/U	52	7/0.724	A	7.2	PE	8.1	A	10.3	PVC
RG-9/U	51	7/0.724	S	7.1	PE	8.7	SA	10.7	PVC
RG-10/U	52	7/0.724	A	7.2	PE	8.1	A	10.3	PVC
RG-11/U	75	7/0.404	T	7.2	PE	8.1	A	10.3	PVC
RG-14/U	52	2.591	A	9.4	PE	11.2	AA	13.8	PVC
RG-17/U	52	4.775	A	17.3	PE	18.6	A	22.1	PVC
RG-55/U	53.5	0.813	A	2.9	PE	4.2	TT	5.0	PE
RG-58/U	53.5	0.813	A	2.9	PE	3.6	T	5.0	PVC
RG-58A/U	50	19/0.180	T	2.9	PE	3.6	T	5.0	PVC
RG-59/U	73	0.643	CW	3.7	PE	4.5	A	6.2	PVC
RG-62/U	93	0.643	CW	3.7	SST	4.5	A	6.2	PVC
RG-71/U	93	0.643	CW	3.7	SST	5.0	TT	5.8	PE
RG-142B/U	50	0.991	SCW	2.9	TFE	4.2	SS	5.2	FEP
RG-174/U	50	7/0.160	CW	1.5	PE	2.0	T	2.5	PVC
RG-178B/U	50	7/0.102	SCW	0.86	TFE	1.3	S	1.8	FEP
RG-179B/U	75	7/0.102	SCW	1.6	TFE	2.1	S	2.54	TFE
RG-187A/U	75	7/0.102	SCW	1.5	TFE	2.0	S	2.7	TFE
RG-188A/U	50	7/0.170	SCW	1.5	TFE	2.0	S	2.6	TFE
RG-196A/U	50	7/0.102	SCW	0.86	TFE	1.3	S	2.0	TFE
RG-223/U	50	0.889	S	2.9	PE	4.2	SS	5.3	PVC
RG-316/U	50	7/0.170	SCW	1.5	TFE	2.0	S	2.4	FEP

## Coaxial Cable Construction



### ① Inner Conductor

A ——— Annealed Copper Wire

T ——— Tinned Copper Wire

S ——— Silvered Copper Wire

CW ——— Copper Weld Steel Wire

SCW ——— Silvered Copper Weld Steel Wire

### ② Insulation

PE ——— Polyethylene (solid)

FP ——— Foamed Polyethylene

HF ——— High Foamed Polyethylene

LF ——— Linked Foamed Polyethylene

SST ——— Air Dielectric + Polyethylene Tube

TFE ——— Polytetrafluoroethylene

FEP ——— Fluorinated Ethylen Propylene

## Coaxial Cable List (2)

Item Symbol	Impedance (Ω)	Inner conductor		Insulation		Shielding		Sheath	
		Number/diameter of wire component	Wire component type	Outer diameter (mm)	Material type	Outer diameter (mm)	Component type	Outer diameter (mm)	Material type
RG-402/U 3.56mm/0.141" (Semi-rigid)	50	0.91	-	2.98	TFE	3.58	ACP	—	—
RG-405/U 2.19mm/0.086" (Semi-rigid)	50	0.51	-	1.67	TFE	2.19	ACP	—	—
SX-16 1.6mm/0.063" (Semi-rigid)	50	0.32	-	1.05	TFE	1.6	ACP	—	—
SX-12 1.19mm/0.047" (Semi-rigid)	50	0.287	-	0.94	TFE	1.19	ACP	—	—
4C-FB	75	0.80	A	3.7	FP	4.4	T-AL	6.0	PVC
S-4C-FB	75	0.80	A	3.7	FP	5.3	T-AL	6.0	PVC
5C-FB	75	1.05	A	5.0	FP	5.7	T-AL	7.5	PVC
5C-FL	75	1.05	A	5.0	FP	5.5	AIL	7.7	PVC
S-5C-FB	75	1.05	A	5.0	FP	5.8	T-AL	7.7	PVC
7C-FB	75	1.50	A	7.3	FP	8.3	T-AL	10.2	PVC
7C-FL	75	1.50	A	7.3	FP	7.8	AIL	10.0	PVC
TVECX	75	0.60	A	3.7	PE	4.4	A	6.0	PVC
TVEFCX	75	0.80	A	3.7	FP	4.4	A	6.0	PVC
5D-FV	50	1.80	A	5.0	FP	5.7	A	7.6	PVC
8D-FV	50	2.80	A	7.8	FP	8.8	A	11.0	PVC
10D-FV	50	3.50	A	10.0	FP	11.0	A	13.0	PVC
2D-LFB-S	50	7/0.29	A	2.3	LF	2.9	T-AL	3.9	PVC
3.5D-FB	50	1.20	A	3.5	LF	4.2	T-AL	5.3	PVC
5D-FB	50	1.80	A	5.0	FP	5.7	T-AL	7.6	PVC
8D-FB	50	2.80	A	7.8	FP	8.8	T-AL	11.0	PVC
10D-FB	50	3.50	A	10.0	FP	11.0	T-AL	13.0	PVC
12D-FB	50	4.40	A	12.4	FP	13.6	T-AL	15.6	PVC
5D-SFB-NL	50	1.90	A	5.0	HF	5.8	T-AL	7.6	PVC
8D-SFB-NL	50	3.00	A	7.8	HF	8.8	T-AL	11.1	PVC
10D-SFB-NL	50	3.90	A	10.0	HF	11.0	T-AL	13.0	PVC
5024A1311	50	Raychem社	-	1.7	Rayform L	2.18	-	2.67	PVF2
7524A1311	75			2.95		3.25	-	3.86	PVF2

### ③ Shielding

A ——— Annealed Copper Wire Braid

AA ——— Annealed Copper Wire Double Braid

T ——— Tinned Copper Wire Braid

TT ——— Tinned Copper Wire Double Braid

S ——— Silvered Copper Wire Braid

SS ——— Silvered Copper Wire Double Braid

SA ——— Silvered Copper Wire Braid +  
Annealed Copper Wire Braid

ACP ——— Annealed Copper Pipe

T-AL ——— Tinned Copper Wire Braid +  
Aluminum Bonded Polyethylene Tape

AIL ——— Aluminum Laminated Tape

### ④ Sheath

PVC ——— Polyvinylchloride

PE ——— Polyethylene

TFE ——— Polytetrafluoroethylene

FEP ——— Fluorinated Ethylene Propylene