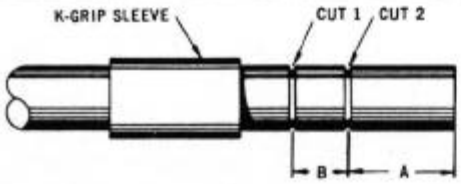
CABLING PROCEDURE

KINGS

CP-400

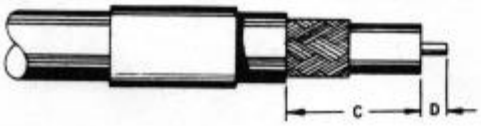
Use Kings Crimp tool with KTH-2027 Die



1. Cut cable end square, slide K-GRIP sleeve over jacket and make cuts 1 and 2 in jacket.

2. Remove jackets to dimension "A," flare or bulge back braid and trim with scissors at edge of jacket.

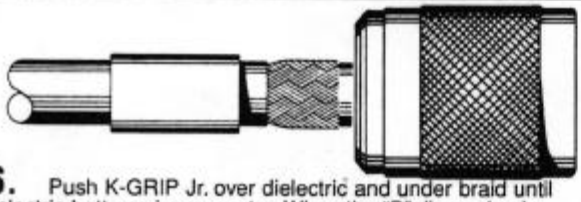
3. Remove jacket to dimension "B."



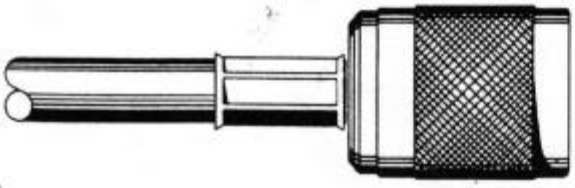
4. Trim dimension "C." Exposed center conductor length will be equal to dimension "D" of trim code.

5. Solder or crimp contact to center conductor.

5A. For 10 & 20 KV connectors, when Cable Seal Gasket is supplied, place over center conductor and against cable dielectric. Solder contact to center conductor with gasket under compression.



6. Push K-GRIP Jr. over dielectric and under braid until dielectric bottoms in connector. When the "B" dimension in the trim code is 0, the K-GRIP Jr. is pushed under both braid and jacket. Teflon jackets may be slit axially 1/4" in two places to facilitate entry of the K-GRIP. When center contact is undercut captive type, insert cable assembly until insulator detent locks into contact.



7. Slide K-GRIP sleeve against shoulder on body and form hex by crimping.

TRIM CODE CHART

CODE	A	B	C	D
401	23/64	7/32	.468	7/64
402	11/32	7/32	.375	3/16
403	7/16	7/32	.493	5/32
405	49/64	7/32	.871	7/64
406	9/32	0	.093	3/16
407	11/16	0	.496	3/16
408	45/64	7/32	.809	7/64
409	19/64	3/16	.406	7/64
410	31/32	7/32	.562	5/8
413	21/32	7/32	.717	5/32
414	29/64	7/32	.556	7/64
415	15/32	3/16	.530	5/32
417	41/64	7/32	.743	7/64
418	45/64	7/32	.809	7/64
419	7/8	7/32	.984	7/64
421	15/64	0	.150	5/64
424	11/32	7/32	.450	7/64
426	17/64	7/32	.406	5/64
430	1/2	0	.211	1/4
431	9/16	0	.366	3/16
432	17/64	7/32	.390	3/32
433	5/16	7/32	.375	5/32
435	25/64	7/32	.524	5/64
436	35/64	7/32	.512	1/4
439	7/32	7/32	.345	3/32
440	11/32	7/32	.480	5/64
441	23/32	7/32	.772	5/32
447	1-1/64	7/32	.953	9/32
451	1-5/64	7/32	1.018	9/32
452	1-3/32	7/32	.690	5/8
457	45/64	7/32	.764	5/32
458	5/8	7/32	.671	11/64
459	39/64	7/32	.638	3/16
462	5/16	7/32	.437	3/32
464	15/32	7/32	.493	3/16
465	1/4	11/32	.432	5/32
468	25/64	7/32	.501	3/32
469	1/2	7/32	.580	9/64
470	13/32	7/32	.462	5/32
474	15/16	3/16	.890	15/64
475	1-3/4	3/16	1.627	5/16
477	19/64	9/32	.468	7/64
480	.281	.406	.500	.187
484	1-13/64	7/32	.948	15/64
487	27/64	7/32	.550	3/32
488	45/64	7/32	.316	39/64
489	11/32	11/32	.500	3/16
493	1/4	9/32	.390	.140
498	23/64	7/32	.316	17/64
5401	5/16	9/32	.432	5/32
5402	3/8	5/16	.500	3/16
5403	5/8	5/16	.750	3/16
5406	13/32	9/32	.500	3/16
5407	5/16	1/4	.437	1/8
5416	3/4	0	.560	3/16
5417	19/32	1/4	.703	9/64
5425	5/16	0	.187	1/8
5457	5/16	5/16	15/32	5/32