

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G50.625.3
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AT&T Co Standard

CABLE SPLICING—GENERAL

LEAD DISCS AND SLEEVES—

TERMINATING SPLICES

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1. GENERAL

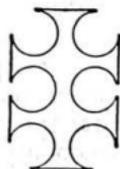
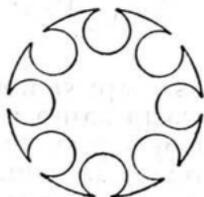
1.01 This section contains tables of lead sleeve sizes and types of discs used in terminating exchange cables at main distributing or protector frames.

1.02 These splices generally have a straight joint at one end and a disc joint at the other. The disc joint is made with two discs, an inner and an outer disc, through which the terminating cables pass. The inner disc fits inside the lead sleeve while the outer disc is located on the terminating cables beyond the end of the sleeve. The sizes of the discs are determined by the number and pair sizes of the terminating cables and their grouping in either circular or rectangular formation.

2. DISCS

2.01 The discs for multiple splices are made in two general types:

(a) **Open hole disc** with the terminating cables in either circular or rectangular formation. The open hole disc with the circular formation may be used either as an inner or as an outer disc. The open hole disc with rectangular formation must always be used as an outer disc.



(b) **Closed hole disc** with the terminating cables in either circular or rectangular formation. The closed hole disc with the circular formation may be used either as an inner or as an outer disc. The closed hole disc with rectangular formation is always used as an inner disc.



2.02 Standard discs are available for terminating large exchange cables. These are supplied in sets consisting of an inner and an outer disc. The available combinations and the code designations are shown in the following table.

Size of Main Cable	Terminating Cables		Disc Designation
	Number	Pair Sizes	
455	3	3-152	3-152
	3	2-202}	2-202-A
		1- 51}	
606	3	3-202	3-202
	4	4-152	4-152
909	3	3-303	3-303
	5	4-202}	4-202-A
		1-101}	
	6	6-152	6-152-C*
	6	6-152	6-152-R*
1111	6	5-202}	5-202-A
		1-101}	
1212	4	4-303	4-303
	6	6-202	6-202-C*
	6	6-202	6-202-R*
1515	8	7-202}	7-202-AC
		1-101}	
	5	5-303	5-303
	4	3-404}	3-404-A
		1-303}	
	4	3-404}	3-404-B
		1-202}	
	1-101}		

Size of Main Cable	Terminating Cables		Disc Designation
	Number	Pair Sizes	
1818	6	6-303	6-303-C*
	6	6-303	6-303-R*
	9	9-202	9-202-C*
	9	9-202	9-202-R*
2121	6	4-202 }	2121-A
		1-101 }	
		1-1212 }	
	6	5-202 }	2121-B
		1-1111 }	
	7	7-303	7-303
	6	4-404 }	4-404-A
		1-303 }	
	6	1-202 }	5-404-A
		5-404 }	
		1-101 }	

* C—Circular Formation
R—Rectangular Formation

3. SLEEVES

3.01 The following table lists the sizes of the lead sleeves to be used with multiple splice discs.

Disc Employed	Lead Sleeve Size Open Hole Disc in Sleeve	Lead Sleeve Size Closed Hole Disc in Sleeve
3-152	4 inches	4-1/2 inches
2-202-A	4 "	4-1/2 "
3-202	3-1/2 "	4 "
4-152	3-1/2 "	4 "
3-303	4-1/2* "	4-1/2 "
4-202-A	4-1/2* "	4-1/2 "
4-303	5 * "	5 "
6-152-C	4-1/2* "	—
6-152-R	—	5 "
6-202-C	5 * "	—
6-202-R	—	5-1/2 "
6-303-C	5 "	—
6-303-R	—	6 "

<u>Disc Employed</u>	<u>Lead Sleeve Size Open Hole Disc in Sleeve</u>	<u>Lead Sleeve Size Closed Hole Disc in Sleeve</u>
9-202-C	5-1/2 inches	—
9-202-R	—	6 inches
5-202-A	5 * "	5 "
2121-A	5 "	6 "
2121-B	5 "	6 "
7-202-AC	5-1/2 "	—
5-303	5-1/2 "	6 "
7-303	5-1/2 "	6 "
3-404-A	5-1/2* "	6 "
3-404-B	5-1/2* "	6 "
4-404-A	5-1/2 "	6 "
5-404-A	5-1/2 "	6 "

* If paraffin is used to dry the splice, decrease the sleeve to the next smaller diameter.

3' 313122

DISC EMPLOYED

	Q	1-101	2-101-V
	Q	1-303	4-404-V
	Q	1-202	2-302
	Q	1-101	3131-B
3131	Q	1-101	3131-V
	Q	1-101	0-303-B
	Q	0-303	0-303-C
	Q	0-303	0-303-K
1818	Q	0-303	0-303-C

DISC EMPLOYED

DISC EMPLOYED

DISC EMPLOYED