

DOSSERT® TYPE 3500-EHV

Tee Adapter

Bolted-compression tee adapters are designed to have better corona characteristics than the conductors on which it is installed. Designed to be corona free for 345 kV and 500 kV service. Contact surfaces are protected with oxide inhibitor.

Material

Aluminum Alloy

Mounting Hardware

Galvanized steel bolts and lockwashers.

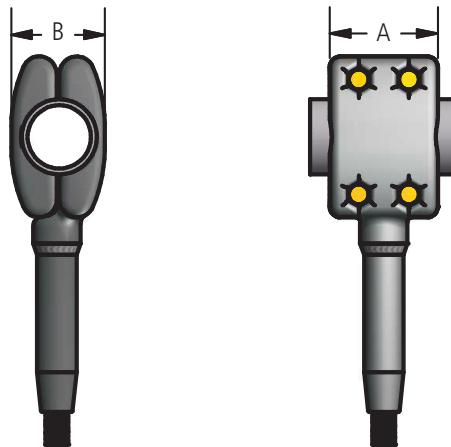
Hardware

Yellow anodized aluminum bolts, nuts, and lockwashers.

Notes

Connector is ordered by combining partial catalog number for pipe run (Table 1) with partial catalog number for stranded branch (Table 2).

Example: 6" SPS run to 1590 KCM (1.454") tap. Order by Cat. No. "3513.3-38.156EHV"



Ordering Information

TABLE 1						
PARTIAL CATALOG NUMBER	RUN CONDUCTOR SIZE SPS & EHPS	BRANCH CONDUCTOR DIAMETER RANGE ACSR OR STR. ALUM.	DIMENSIONS IN INCHES		NO. OF BOLTS	PARTIAL WEIGHT RUN
			A	B		
3508.1	3	1.026 - 1.196	5.12	4.56	4	7.2
3508.2	3	1.212 - 1.417	5.12	4.56	4	7.4
3508.3	3	1.424 - 1.545	5.12	4.56	4	7.5
3509.1	3 1/2	1.026 - 1.196	5.12	5.12	4	11.1
3509.2	3 1/2	1.212 - 1.417	5.12	5.12	4	11.3
3509.3	3 1/2	1.424 - 1.545	5.12	5.12	4	11.4
3510.1	4	1.026 - 1.196	5.12	5.62	4	15.0
3510.2	4	1.212 - 1.417	5.12	5.62	4	15.2
3510.3	4	1.424 - 1.545	5.12	5.62	4	15.3
3512.2	5	1.212 - 1.417	11.80	6.62	6	18.8
3512.3	5	1.424 - 1.545	11.80	6.62	6	19.0
3512.4	5	1.602 - 1.823	11.80	6.62	6	19.1
3513.2	6	1.212 - 1.417	11.80	7.69	6	20.0
3513.3	6	1.424 - 1.545	11.80	7.69	6	20.2
3513.4	6	1.602 - 1.823	11.80	7.69	6	20.3

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Ordering Information (cont.)

TABLE 2						
PARTIAL CATALOG NUMBER	CONDUCTOR				DIE SIZE	PARTIAL WEIGHT RUN
	KCMIL	STRAND		DIAMETER		LBS
		AL	ST			
-30.109 EHV	795.0	37 & 61	-	1.026	30 AH	1.7
-30.116 EHV	795.0	26	7	1.108	30 AH	1.6
-30.122 EHV	954.0	37 & 61	-	1.124	30 AH	1.6
-30.122 EHV	954.0	45	7	1.165	30 AH	1.5
-30.125 EHV	954.0	54	7	1.196	30 AH	1.5
-34.128 EHV	1033.5	45	7	1.212	34 AH	2.3
-34.128 EHV	1113.0	61	-	1.216	34 AH	2.3
-34.128 EHV	1195.5	45	7	1.302	34 AH	2.1
-36.144 EHV	1272.0	45	7	1.345	36 AH	2.6
-36.147 EHV	1351.5	45	7	1.385	36 AH	2.4
-38.156 EHV	1590.0	61 & 91	-	1.454	38 AH	2.9
-40.162 EHV	1590.0	45	7	1.504	40 AH	3.4
-42.178 EHV	1780.0	84	19	1.602	42 AH	3.9
-44.184 EHV	2156.0	84	19	1.7625	44 AH	3.6
-44.188 EHV	2500.0	91	-	1.823	44 AH	3.4

DOSSERT® TYPE BC-V-AA

Tee Connector

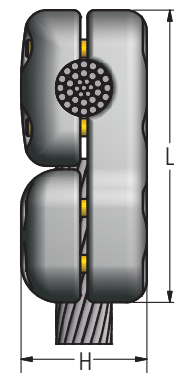
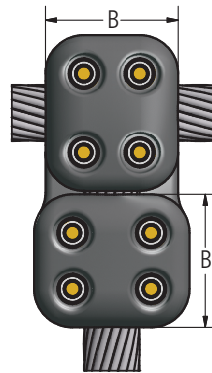
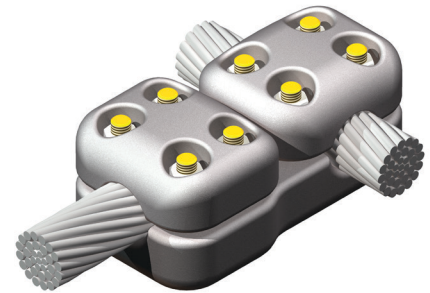
Tee connector is designed to be corona free for 500 kV service.

Material

Aluminum Alloy

Hardware

Yellow anodized aluminum nuts, bolts, and lockwashers.



Ordering Information

CATALOG NUMBER	CABLE RANGE						DIMENSIONS IN INCHES		
	RUN			TAP					
	ALUMINUM		ACSR	ALUMINUM		ACSR	B	H	L
	MIN	MAX		MIN	MAX				
BC79-79-V-AA	750 MCM	795 MCM	636 (18/1;24/7;26/7)	750 MCM	795 MCM	636 (18/1;24/7;26/7)	4 1/2	3 3/8	8 3/4
BC95-95-V-AA	800 MCM	954 MCM	795 (47/7;24/7;26/7)	800 MCM	954 MCM	795 (47/7;24/7;26/7)	4 1/2	3 11/16	8 7/8
BC95A-95A-V-AA	-	954 MCM	954 (45/7;54/7)	-	954 MCM	954 (45/7;54/7)	4 1/2	3 11/16	9 1/8
BC103-103-V-AA	1000 MCM	1033.5 MCM	954 (45/7;54/7)	1000 MCM	1033.5 MCM	954 (45/7;54/7)	4 1/2	3 3/4	9
BC103-250-V-AA	1000 MCM	1033.5 MCM	954 (45/7;54/7)	-	2500 MCM	2156 (84/19)	4 1/2	4	9
BC127-79-V-AA	1113 MCM	1272 MCM	1113 (45/7;54/7)	750 MCM	795 MCM	636 (18/1;24/7;26/7)	4 1/2	3 5/8	9 1/16
BC127-95-V-AA	1113 MCM	1272 MCM	1113 (45/7;54/7)	800 MCM	954 MCM	795 (47/7;24/7;26/7)	4 1/2	3 5/8	9 1/16
BC127-127-V-AA	1113 MCM	1272 MCM	1113 (45/7;54/7)	1113 MCM	1272 MCM	1113 (45/7;54/7)	4 1/2	3 5/8	9 1/8
BC140-140-V-AA	1300 MCM	1400 MCM	1272 (45/7;54/19) 1351.5 (45/7)	1300 MCM	1400 MCM	1272 (45/7;54/19) 1351.5 (45/7)	4 1/2	3 5/8	9 1/8
BC160-160-V-AA	1500 MCM	1600 MCM	1431(45/7;54/19) 1351.5 (54/19)	1500 MCM	1600 MCM	1431(45/7;54/19) 1351.5 (54/19)	4 1/2	4	9 1/8
BC180-180-V-AA	1700 MCM	1800 MCM	1590 (45/7;54/19)	1700 MCM	1800 MCM	1590 (45/7;54/19)	4 3/4	4	9 7/8
BC200-200-V-AA	1900 MCM	2000 MCM	1780 (84/19)	1900 MCM	2000 MCM	1780 (84/19)	4 3/4	4	9 7/8
BC205-205-V-AA	2000 MCM	2049 ACSR	1780 (84/19) 2034 (72/7)	2000 MCM	2049 ACSR	1780 (84/19) 2034 (72/7)	5	4	10 1/4
BC250-160-V-AA	-	2500 MCM	2156 (84/19)	1500 MCM	1600 MCM	1431(45/7;54/19) 1351.5 (54/19)	4 1/2	3 13/16	9 5/8
BC250-250-V-AA	-	2500 MCM	2156 (84/19)	-	2500 MCM	2156 (84/19)	4 1/2	3 13/16	9 5/8
BC250-350-V-AA	-	2500 MCM	2156 (84/19)	-	3500 MCM	-	4 1/2	4 1/4	9 5/8
BC300-300-V-AA	2750 MCM	3000 MCM	2515 (76/19)	2750 MCM	3000 MCM	2515 (76/19)	4 3/4	4	9 7/8