

## TYPES YSS, YCS-R &amp; YDS-AT

## HYSPLICE™



## ACCOMMODATES:

AAC (STR, COMPRESSED,  
COMPACT\*\*), COPPER, ACSR  
AND AAAC

## MATERIAL: ALUMINUM

Single aluminum sleeve designed for service drop or short span overhead distribution lines. Installed with OH25 one-hand tool, and other standard tooling. Pre-filled with PENETROX™ joint compound and color coded capped and stripsealed to limit oxidation and to increase the life of the connection.

Catalog Number	Conductor	L	Die Index	Color Code	Tools, Die Set Catalog Number*** & (Crimps per End)		OH25 Applications	
					MD7, MD6	Y35, Y750, Y45†, Y46‡	Conductor	OH25 (Indents per End)
YSS6RG2	6 ACSR 4 Sol. Al	4.00	BG	Blue	BG (6) W-BG (3)*	U-BG (3)*	—	—
YSS6R	6 ACSR 4 Sol. Al	4.72	162	Blue	W162 (4)	U162 (2)*	—	—
YDS4WA	4 Sol. Al 4 Str. Al (7)	2-5/8	162	Orange	W162 (4)	U162 (1)*	—	—
YDS4CA								
YSS4R	4 ACSR 2 Sol. Al 4 Al (7)	3.78	BG or 5/8	Orange	BG (6) W-BG (3)*	U-BG (3)*	4 7 Al 4 5005 Al 4 5005 Al 4 (6-1) ACSR 4 (6-1) ACSR 4 (7-1) ACSR 4 (7-1) ACSR 2 Sol. Al 2 Sol. Al	(3) (2) (3) (3) (2) (3) (2) (3) (2)
YSS2R	2 ACSR 2 Al (7)	3.78	BG or 5/8	Red	BG (6) W-BG (3)*	U-BG (3)*	2 (6-1) ACSR 2 (7-1) ACSR 2 (7-1) ACSR 2 7 Al	(3) (3) (2) (3)
YDS25AT	1/0 (7)	7-1/4	243	Yellow	W243(6)	U243(3)	1/0 7 Al	(4)
YCS25R	1/0 ACSR	7.09	243	Yellow	BG (12) W-BG (6)*	U-BG (6)*	1/0 (6-1) ACSR 1/0 (6-1) ACSR	(2) (3)

\* Multiple crimp die set; makes more than one crimp per tool compression. Figure indicates number of compressions.

\*\* Accommodates compact conductors where stated in the table.

† U Die with adapter PT-6515

‡ U Die with adapter PUADP-1.

\*\*\* For faster installations use BURNDY® PATRIOT® family of battery tools.

# Overhead Distribution

## Compression Splices - Single Sleeve Full Tension

**BURNDY®**

### TYPES YDS-A & YDS-AT

#### HYSPLICE™

**ACCOMMODATES:** AAC (STR,  
COMPRESSED, COMPACT)



**MATERIAL:** ALUMINUM

**TENSION RATING:**  
ANSI C119.4 CLASS 1  
(FULL TENSION)

Full-Tension HYSPLICE™ sleeve made of aluminum tubing with staked-in cable stop. Sizes 1/0 and larger tapered for gradual transition of stress. Installed with HYSPLICE™ tools and

dies. Pre-filled with PENETROX™ joint compound, stripsealed and capped to limit oxide growth and to increase the life of the connection.

H-58

Catalog Number	Conductor	L	Die Index	Tools, Die Set Catalog Number & (Number of Crimps)				
				MD7, MD6	Y35, Y750	Y45	Y46	Y60-
YDS6WA	6 (1)	3	161	W161 (2)	U161 (1)*	†	‡	—
YDS4WA	4 (1)	2-5/8	162	W162 (4)	U162 (1)*	†	‡	—
YDS2WA	2 (1)	3-7/8	163	W163 (6)	U163 (2)	†	‡	—
YDS6CA	6 (7)	3	161	W161 (2)	U161 (1)*	†	‡	—
YDS4CA	4 (7)	2-5/8	162	W162 (4)	U162 (1)*	†	‡	—
YDS2CA	2 (7)	3-7/8	163	W163 (6)	U163 (2)	†	‡	—
YDS25AT	1/0 (7)	7-1/4	BG 243	BG (12) W243 (6)	BG (6) U243 (3)	†	‡	—
YDS26AT	2/0 (7)	9-1/4	245	W245 (9)	U245 (5)	†	‡	—
YDS27AT	3/0 (7,19)	7-1/4	247	W247 (8)	U247 (4)	†	‡	L247 (3)
YDS28AT	4/0 (7, 19)	10-1/2	249	W249 (12)	U249 (6)	†	‡	L249 (3)
YDS29AT	250 (19)	7-1/2	616	—	U616 (6)	†	‡	—
YDS291AT	266.8 (7,19)	8-5/8	251	—	U251 (7)	†	‡	L251 (4)
YDS301AT	336.4 (19, 37)	9-7/8	321	—	U321 (8)	†	‡	L321 (4)
YDS31AT	350 (19)	11	490	—	U490 (9)	†	‡	L490 (3)
YDS311AT	397.5 (19)	12-1/4	468	—	468 (10)	†	‡	—
YDS331AT	477 (19)	12-3/4	317	—	U317 (9)	†	‡	L317 (3)
YDS351AT	556.5 (19, 37)	12-3/4	261	—	U261 (9)	†	‡	L261 (3)
YDS361AT	636 (37)	13-1/2	469	—	—	S469 (8)	P469 (8)	L469 (4)
YDS391AT	795 (37), 800 (61)	13-5/8	342	—	—	S342 (8)	P342 (8)	L342 (4)
YDS431AT	954 (37, 61)	17-5/8	352	—	—	S352 (10)	P352 (10)	L352 (5)

\* Multiple crimp die set; makes more than one crimp per tool compression.

Figure indicates number of compressions.

† U Die with adapter PT-6515.

‡ U Die with adapter PUADP-1.

For faster installations use BURNDY® PATRIOT® family of battery tools.

**US: 1-800-346-4175**

**www.burndy.com**

**Canada: 1-800-387-6487**

# Overhead Distribution

## Compression Splices - Single Sleeve Full Tension

**BURNDY®**

### TYPES YDS-RL & YDS-LT

(Continued)

#### UNISPLICE™

**ACCOMMODATES:** AAC (STR, COMPRESSED), ACSR AND AAAC

RUS Accepted.



**MATERIAL:** ALUMINUM

**TENSION RATING:**  
ANSI C119.4 CLASS 1  
(FULL TENSION)

Single-sleeve aluminum UNISPLICE™ designed to splice ACSR as simply as all aluminum. Pre-filled with PENETROX™ joint compound, stripsealed and capped to limit oxide growth and to increase the life of the connection. Eliminates strand stripping, installing separate steel sleeve

and filling with joint compound. Ends ACSR joint failure due to faulty positioning of sleeve and lack of joint compound. Simplifies hot-line splicing. Electrical and mechanical performance equal to two-piece sleeves.

Catalog Number	Conductor	Code	L	Die Index	Tools, Die Set Catalog Number, & (Crimps per End)	
					Y35, Y750, Y45†, Y46‡	Y60-
YDS30LT	312.8 6201	BUTTE	—	317	U317	L317
YDS32LT	394.5 6201 394.5 5005 (336.4 E.C. Equiv.)	CANTON RADIANT	14-1/2	642	U642 (12)	L642 (4)
YDS341RL	397.5 ACSR (18-1) 419.6 5005	REDE	22	327	U327 (18)	—
YDS361RL	477 (18-1) 556.5 (18-1) 587.2 5005	RUBLE	23-1/4	720 788	U-788 (31) Crimps Overlap	L720 Crimps Overlap
YDS36LT	559.5 6201 559.5 5005 (477 E.C. Equiv.)	DARIEN REMEX	16	667	P667**	L667 Crimps Overlap

\*\* Y46 HYPRESS™ only.

For faster installations use BURNDY® PATRIOT® family of battery tools.

H-60

### TYPES YDS-A & YDS-AT

#### HYSPLICE™

**ACCOMMODATES:** AAC (STR, COMPRESSED, COMPACT)



**MATERIAL:** ALUMINUM

**TENSION RATING:**  
ANSI C119.4 CLASS 1  
(FULL TENSION)

INSTALLED WITH BURNDY  
OR EEI DIES

Full-Tension HYSPLICE™ sleeve made of aluminum tubing with staked-in cable stop. Sizes 1/0 and larger tapered for gradual transition of stress. Installed with HYSPLICE™ tools and dies. Pre-filled with PENETROX™ joint compound, stripsealed and capped to limit oxide growth and to increase the life of the connection.

Catalog Number	Conductor	L	EEI Die Index	Index	Tools, Die Set Catalog Number (Crimps per End)	
					MD7, MD6	Y35, Y750, Y45†, Y46‡
YDS2CA	2 (7)	3-7/8	6A	693	W693 (8)	U693 (2)
YDS25AT	1/0 (7)	7-1/4	8A	243	W243(6)	U243(3)
YDS27AT	3/0 (7,19)	7-1/4	10A	694	W694 (8)	U694 (4)
YDS28AT	4/0 (7, 19)	10-1/2	11A	249	W249 (12)	U249 (6)
YDS311AT	397.5 (19)	12-1/4	13A	655	—	U655 (10)
YDS331AT	477 (19)	12-3/4	14A	317	—	U317 (9)

† U Die with adapter PT-6515.

‡ U Die with adapter PUADP-1.

For faster installations use BURNDY® PATRIOT® family of battery tools.

US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487