

Compression Connections

BURNDY®

Copper Compression — Flex — Splice — Long Barrel — Belled Ends

C-88

TYPE YS-FXB

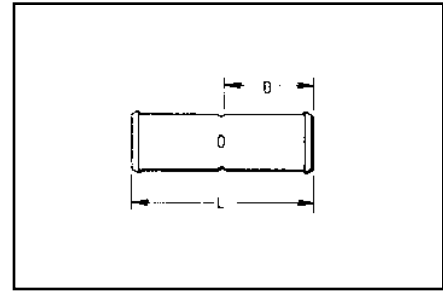
HYLINK™ - SPLICE - BELLED LONG BARREL

UL Listed 90° C,
600 Volts to 35 kV ◆



Features and Benefits

- Long barrel length.
 - ◇ High voltage terminations.
- Four (4) center conductor stops.
 - ◇ Provides a center wire stop for proper conductor insertion.
- High pull out force.
 - ◇ Provides added security for greater mechanical and electrical properties.
- Belled cable entry.
 - ◇ A funnel type entry provide easy insertion of extra flexible cables plus offers mechanical strain relief for individual strands.



Catalog Number	Conductor		Dimensions		Installation Tooling ▲					Cable Strip Length
					Dieless (# of crimps/end)	Mechanical	Y35 ■, Y39, Y750, Y46*			
	Flexible Cable Code AWG	*** MM²	L [mm]	B [mm]			Y1MRTC Y2MR	Embossed Die Index	Color Code	
YS8C-FXB	#8 Str. (37/24)	10	1.99 [51]	.90 [23]	Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	Y2MR (2) Y1MR (2)	49	Red	U8CRT (2)	1" [25]
YSV6C-FXB	#6 Str. (61/24) #6 AWG	† 16	2.62 [67]	1.22 [31]			7	Blue	U5CRT (2)	1-5/16" [33]
YSV4C-FXB	#4 Str. (91/24-105/24) #4 AWG	—	2.62 [67]	1.22 [31]		Y2MR (4) Y1MR (4)	8	Gray	U4CRT (2)	1-5/16" [33]
YSV2C-FXB	#2 Str. (125/24-150/24) #2 AWG	35	2.89 [73]	1.35 [34]			10	Brown	U2CRT (2)	1-7/16" [37]
YSV1C-FXB	#1 Str. (175/24-225/24) #1 AWG	—	3.18 [81]	1.50 [38]		—	11	Green	U1CRT-1 (4)	1-9/16" [40]
YSV25-FXB	1/0 Str. (275/24) 1/0 AWG	50	3.18 [81]	1.50 [38]			12	Pink	U25RT (4)	1-9/16" [40]
YSV26-FXB	2/0 Str. (325/24) 2/0 AWG	70	3.44 [87]	1.63 [41]			13	Black	U26RT (4)	1-11/16" [43]
YSV27-FXB	3/0 Str. (450/24) 3/0 AWG	95	3.46 [88]	1.64 [42]	Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)		14	Orange	U27RT (4)	1-11/16" [43]
YSV28-FXB	4/0 Str. (550/24) 4/0 AWG	† 120	3.72 [94]	1.77 [45]			15	Purple	U28RT (4)	1-7/8" [48]
YS30-FXB	250 kcmil Flex Class G 259 Str. Class H 427 Str.	—	4.51 [115]	2.16 [55]		16	Yellow	U29RT (4)	2-1/4" [57]	
YS31-FXB	263 kcmil (650/24) 250 Flex Class I, K, M	150	4.54 [115]	2.18 [55]		—	17	White	U30RT (4)	2-1/4" [57]
YS32-FXB	313.1 kcmil (775/24) 300 kcmil Nom.	185	4.82 [122]	2.32 [59]			18	Red	U31RT (4)	2-7/16" [62]
YS34-FXB	373 kcmil (925/24) 350 kcmil Nom.	240	5.14 [131]	2.48 [63]			19	Blue	U32RT (4)	2-9/16" [65]
YS36-FXB	444.4 kcmil (1100/24) 450 kcmil Nom.	300	6.09 [155]	2.95 [75]			20	Brown	U34RT (4)	3-1/16" [79]
YS38-FXB	535.3 kcmil (1325/24) 500 kcmil Nom.	—	6.34 [161]	3.08 [78]	Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)		L99	Pink	U38XRT (4)	3-3/16" [81]
YS40-FXB	646 kcmil (1600/24) 600 kcmil Nom.	400	6.66 [1.69]	3.24 [82]		—	24	Black	U39RT (4)	3-5/16" [84]
YS44-FXB	777.7 kcmil (1925/24) 750 kcmil Nom.	500	6.84 [174]	3.33 [85]			L115	Yellow	U44XRT (4)	3-7/16" [87]

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™.

** P44RT and P46RT dies sets are for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor.

† 16 mm² and 120 mm² referenced are for both Class 2 and Class 5

■ The maximum size for the Y35 is 373.7 kcmil.

▲ See tooling section of this catalog for complete tool and die listings.

◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.

Measurements in brackets [] are in metric dimensions.

Blue highlighted items are industry standard and most frequently ordered.