

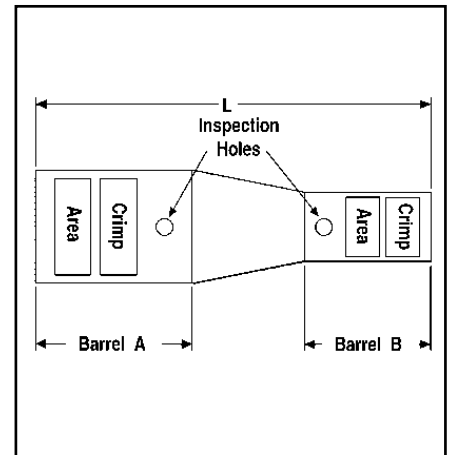
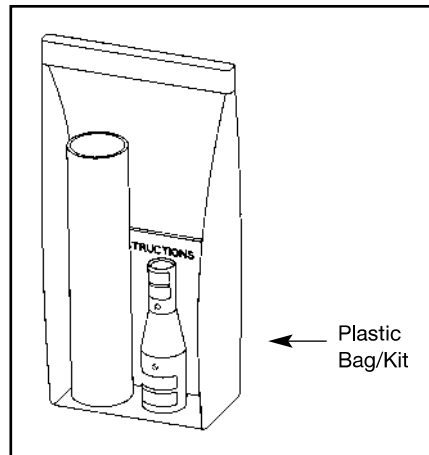
C-90

TYPE YSR-TC

HYREDUCER™

In-line Reducer Splice Kits for Telecommunications Applications

YSR-TC reducing splice kits provide for splicing two different cable sizes with inspection holes. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed from seamless, high conductivity electrolytic copper tubing for maximum conductivity, and tin plated to resist corrosion. The YSR-TC family also features the BURNDY® color code system.



** Clear Heat Shrink Kit Catalog Number	Wire Range				Barrel Type	Connector			Wire Strip					
	Barrel A		Barrel B			Dimensions			Color Code		Die Index		Length	
	AWG	mm ²	AWG	mm ²		Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR44FX39LTCKITC	750 kcmil Flex	500 mm ² Class 5	750 kcmil Code	—	Standard	2.09	1.78	4.38	Yellow	Black	L115	24	1.96	1.67
YSR44FX38FXLTCKITC			500 kcmil Flex	300 mm ²	Standard	2.09	1.60	4.61	Yellow	Pink	L115	L99	1.96	1.77
YSR44FX34LTCKITC			500 kcmil Code	240 mm ²	Standard	2.09	1.69	4.91	Yellow	Brown	L115	20	1.96	1.60
YSR44FX34FXLTCKITC			350 kcmil Flex	240 mm ²	Standard	2.09	1.69	4.91	Yellow	Blue	L115	19 or L80	1.96	1.60
YSR44FX31LTCKITC			350 kcmil Code	185 mm ²	Standard	2.09	1.49	5.18	Yellow	Red	L115	18	1.96	1.41
YSR44FX30LTCKITC			300 kcmil Code	150 mm ²	Standard	2.09	1.30	5.01	Yellow	White	L115	17 or 298	1.96	1.24
YSR44FX29FXLTCKITC			4/0 AWG Flex	120 mm ²	Standard	2.09	1.44	5.46	Yellow	Yellow	L115	16	1.96	1.24
YSR44FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	2.09	1.43	5.21	Yellow	Purple	L115	15	1.96	1.38
YSR44FX28LTCKITC	750 kcmil Code	—	4/0 AWG Code	—	Standard	2.09	1.30	5.27	Yellow	Purple	L115	15	1.96	1.36
YSR3939LTCKITC			750 kcmil Code	—	Standard	1.78	1.78	4.13	Black	Black	24	24	1.67	1.67
YSR3938FXLTCKITC			500 kcmil Flex	300 mm ²	Standard	1.78	1.88	3.79	Black	Pink	24	L99	1.67	1.77
YSR3934LTCKITC			500 kcmil Code	240 mm ²	Standard	1.78	1.69	4.09	Black	Brown	24	20	1.67	1.60
YSR3934FXLTCKITC			350 kcmil Flex	240 mm ²	Standard	1.78	1.69	4.09	Black	Blue	24	19 or L80	1.67	1.60
YSR3931LTCKITC			350 kcmil Code	185 mm ²	Standard	1.78	1.49	4.36	Black	Red	24	18	1.67	1.41
YSR3930LTCKITC			300 kcmil Code	150 mm ²	Standard	1.78	1.30	4.23	Black	White	24	17 or 298	1.67	1.24
YSR3929FXLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.78	1.44	4.71	Black	Yellow	24	16	1.67	1.38
YSR3928FXLTCKITC	500 kcmil Flex	300 mm ²	4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.78	1.43	4.43	Black	Purple	24	15	1.67	1.36
YSR3928LTCKITC			4/0 AWG Code	—	Standard	1.78	1.30	4.65	Black	Purple	24	15	1.67	1.24
YSR38FX34LTCKITC			500 kcmil Code	240 mm ²	Standard	1.88	1.69	4.06	Pink	Brown	L99	20	1.77	1.60
YSR38FX34FXLTCKITC			350 kcmil Flex	240 mm ²	Standard	1.88	1.69	4.06	Pink	Blue	L99	19 or L80	1.77	1.60
YSR38FX31LTCKITC			350 kcmil Code	185 mm ²	Standard	1.88	1.49	4.33	Pink	Red	L99	18	1.77	1.41
YSR38FX30LTCKITC			300 kcmil Code	150 mm ²	Standard	1.88	1.30	4.20	Pink	White	L99	17 or 298	1.77	1.24
YSR38FX29FXLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.88	1.44	4.67	Pink	Yellow	L99	16	1.77	1.38
YSR38FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.88	1.43	4.60	Pink	Purple	L99	15	1.77	1.36
YSR38FX28LTCKITC	500 kcmil Code	240 mm ²	4/0 AWG Code	—	Standard	1.88	1.30	4.62	Pink	Purple	L99	15	1.77	1.24
YSR38FX26FXLTCKITC			2/0 AWG Flex or Code	70 mm ² Class 5	Standard	1.88	1.13	4.62	Pink	Black	L99	13	1.77	1.19
YSR3434FXLTCKITC			350 kcmil Flex	240 mm ²	Standard	1.69	1.69	3.51	Brown	Blue	20	19 or L80	1.60	1.60
YSR3431LTCKITC			350 kcmil Code	185 mm ²	Standard	1.69	1.49	3.66	Brown	Red	20	18	1.60	1.41
YSR3429FXLTCKITC			4/0 AWG Flex	120 mm ²	Standard	1.69	1.44	3.81	Brown	Yellow	20	16	1.60	1.38
YSR3428FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Standard	1.69	1.43	3.78	Brown	Purple	20	15	1.60	1.36
YSR3428LTCKITC			4/0 AWG Code	—	Standard	1.69	1.30	3.93	Brown	Purple	20	15	1.60	1.24
YSR3425FXLTCKITC			1/0 AWG Flex or Code	50 mm ²	Standard	1.69	1.04	4.01	Brown	Pink	20	12	1.60	1.00

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.

** Clear Heatshrink — UL224 VW1 Listed — passes TELCORDIA GR-347-CORE Abrasion and Cut Test. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note 1: All dimensions shown are for reference only.

Note 2: Non-inspection window versions are available. Please contact customer service.

Note 3: Installation Tooling Charts on pages C-94 - C-99.

Blue highlighted items are industry standard and most frequently ordered.

Compression Connections

BURNDY®

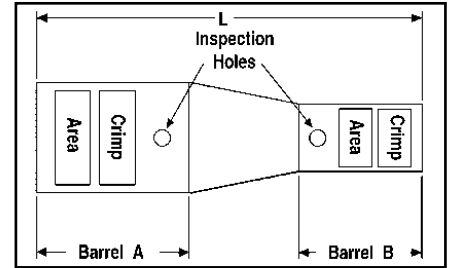
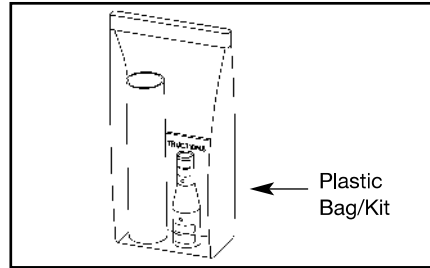
Copper Compression — Reducing Splice Kit — Code and Flex — Inspection Window

C-94

TYPE YSR-TC

INSTALLATION TOOLING CHART

In-line Reducer Splice Kits for Telecommunications Applications



Installation Tooling																
** Clear Heat Shrink Kit Catalog Number	Wire Range				Color Code		Die Index		Hydraulic		Hydraulic		Mechanical		Dieless	
	Barrel A		Barrel B						Y750, Y35, Y46, PAT750, BAT750		BCT500HS, Y500CTHS		OUR840, MD7-34		Y/PAT644 Series, MY29-11	
	AWG	mm ²	AWG	mm ²	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
YSR44FX39LTCKITC	750 kcmil Flex	500 mm ² Class 5	750 kcmil Code	—	Yellow	Black	L115	24	U44XRT (2)	U39RT (2) P39RT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)
YSR44FX38FXLTCKITC			500 kcmil Flex	300 mm ²	Yellow	Pink	L115	L99	U44XRT (2)	U38XRT (2)	—	—	—	—	Y644M (1) PAT644M (1)	Y644M (1) PAT644M (1)
YSR44FX34LTCKITC			500 kcmil Code	240 mm ²	Yellow	Brown	L115	20	U44XRT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX34FXLTCKITC			350 kcmil Flex	240 mm ²	Yellow	Blue	L115	19 or L80	U44XRT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX31LTCKITC			350 kcmil Code	185 mm ²	Yellow	Red	L115	18	U44XRT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX30LTCKITC			300 kcmil Code	150 mm ²	Yellow	White	L115	17 or 298	U44XRT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX29FXLTCKITC			4/0 AWG Flex	120 mm ²	Yellow	Yellow	L115	16	U44XRT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX28FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Yellow	Purple	L115	15	U44XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR44FX28LTCKITC			4/0 AWG Code	—	Yellow	Purple	L115	15	U44XRT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2) PAT644M (1)
YSR3939LTCKITC	750 kcmil Code	—	750 kcmil Code	—	Black	Black	24	24	U39RT (2) P39RT (2)	U39RT (2) P39RT (2)	—	—	—	—	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3938FXLTCKITC			500 kcmil Flex	300 mm ²	Black	Pink	24	L99	U39RT (2) P39RT (2)	U38XRT (2)	—	—	—	—	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3934LTCKITC			500 kcmil Code	240 mm ²	Black	Brown	24	20	U39RT (2) P39RT (2)	U34RT (2) U31ART (2)	—	W34VT (2) W34RT (2)	—	W34VT (2) W34RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3934FXLTCKITC			350 kcmil Flex	240 mm ²	Black	Blue	24	19 or L80	U39RT (2) P39RT (2)	U32RT (2)	—	W32VT (2) W32RT (2)	—	W32VT (2) W32RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3931LTCKITC			350 kcmil Code	185 mm ²	Black	Red	24	18	U39RT (2) P39RT (2)	U31RT (2)	—	W31VT (2) W31RT (2)	—	W31VT (2) W31RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3930LTCKITC			300 kcmil Code	150 mm ²	Black	White	24	17 or 298	U39RT (2) P39RT (2)	U30RT (2)	—	W30VT (2) W30RT (2)	—	W30VT (2) W30RT (2)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3929FXLTCKITC			4/0 AWG Flex	120 mm ²	Black	Yellow	24	16	U39RT (2) P39RT (2)	U29RT (1)	—	W29VT (2) W29RT (2) X29RT (4)	—	W29VT (2) W29RT (2) X29RT (4)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3928FXLTCKITC			4/0 AWG Flex or Telco Flex	120 mm ²	Black	Purple	24	15	U39RT (2) P39RT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	Y644M (1), PAT644M (1)
YSR3928LTCKITC			4/0 AWG Code	—	Black	Purple	24	15	U39RT (2) P39RT (2)	U28RT (1)	—	W28VT (2) W28RT (2) X28RT (3)	—	W28VT (2) W28RT (2) X28RT (3)	Y644M (1), PAT644M (1)	MY29-11 (1), Y644M (1), MRC840 (2) PAT644M (1)

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Note 2: Non-inspection window versions are available.
 Please contact customer service.

† Provided with 2 heat shrink tubings. One will overlap the other. Install the smaller first and larger second.
****Clear** Heatshrink — UL224 VW1 Listed — passes TELCORDIA GR-347-CORE Abrasion and Cut Test.

(Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

(Installation Tooling Chart continued on next 5 pages)

Blue highlighted items are industry standard and most frequently ordered.

Canada: 1-800-387-6487

www.burndy.com

US: 1-800-346-4175