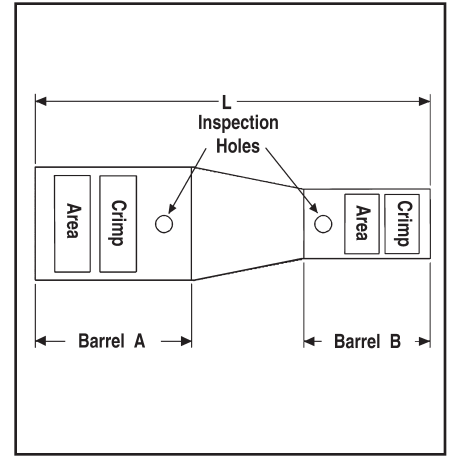
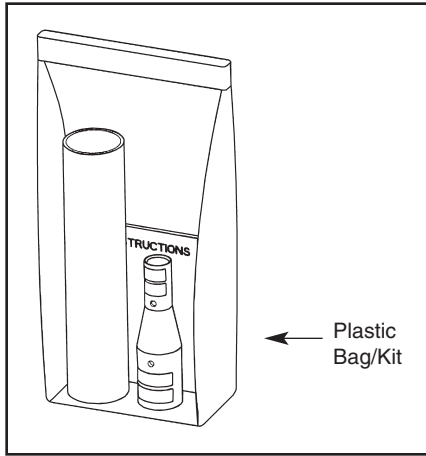


### TYPE YSR-TC

#### 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.



C-103

Wire Range				** Clear Heat Shrink Kit Catalog Number	Connector								Wire Strip Length	
Barrel A		Barrel B			Barrel Type	Dimensions			Color Code		Die Index		Barrel A	Barrel B
AWG	mm <sup>2</sup>	AWG	mm <sup>2</sup>			Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B		
750 kcmil FLEX	500 mm <sup>2</sup> Class 5	750 Kcmil CODE	—	YSR44FX39LTCKITC	Standard	2.09	1.78	4.38	Yellow	Black	L115	24	1.96	1.67
		500 Kcmil CODE	240 mm <sup>2</sup> Class 2	YSR44FX34LTCKITC	Standard	2.09	1.69	4.91	Yellow	Brown	L115	20	1.96	1.60
		500 Kcmil FLEX	300 mm <sup>2</sup> Class 5	YSR44FX38FXLKITC	Standard	2.09	1.88	4.61	Yellow	Pink	L115	L99	1.96	1.77
		350 Kcmil CODE	185 mm <sup>2</sup> Class 2	YSR44FX31LTCKITC	Standard	2.09	1.49	5.18	Yellow	Red	L115	18	1.96	1.41
		350 Kcmil FLEX	240 mm <sup>2</sup> Class 5	YSR44FX34FXLKITC	Standard	2.09	1.69	4.91	Yellow	Blue	L115	19 or L80	1.96	1.60
		4/0 AWG FLEX	—	YSR44FX29FXLKITC	Standard	2.09	1.44	5.33	Yellow	Yellow	L115	16	1.96	1.38
750 kcmil CODE	—	500 Kcmil FLEX	300 mm <sup>2</sup> Class 5	YSR3938FXLKITC	Standard	1.78	1.88	3.79	Black	Pink	24	L99	1.67	1.77
		350 Kcmil CODE	185 mm <sup>2</sup> Class 2	YSR3931LTCKITC	Standard	1.78	1.49	4.36	Black	Red	24	18	1.67	1.41
		350 Kcmil FLEX	240 mm <sup>2</sup> Class 5	YSR3934FXLKITC	Standard	1.78	1.69	4.09	Black	Blue	24	19 or L80	1.67	1.60
		4/0 AWG CODE	—	YSR3928LTCKITC	Standard	1.78	1.30	4.65	Black	Purple	24	15	1.67	1.24
		4/0 AWG FLEX	—	YSR3929FXLKITC	Standard	1.78	1.44	4.51	Black	Yellow	24	16	1.67	1.38
500 kcmil FLEX	300 mm <sup>2</sup> Class 5	350 Kcmil CODE	185 mm <sup>2</sup> Class 2	YSR38FX31LTCKITC	Standard	1.88	1.49	4.33	Pink	Red	L99	18	1.77	1.41
		350 Kcmil FLEX	240 mm <sup>2</sup> Class 5	YSR38FX34FXLKITC	Standard	1.88	1.69	4.06	Pink	Blue	L99	19 or L80	1.77	1.60
		4/0 AWG CODE	—	YSR38FX28LTCKITC	Standard	1.88	1.30	4.62	Pink	Purple	L99	15	1.77	1.24
		4/0 AWG FLEX	—	YSR38FX29FXLKITC	Standard	1.88	1.44	4.48	Pink	Yellow	L99	16	1.77	1.38
500 kcmil CODE	240 mm <sup>2</sup> Class 2	350 Kcmil CODE	185 mm <sup>2</sup> Class 2	YSR3431LTCKITC	Standard	1.69	1.49	3.66	Brown	Red	20	18	1.60	1.41
		350 Kcmil FLEX	240 mm <sup>2</sup> Class 5	YSR3434FXLKITC	Standard	1.69	1.69	3.39	Brown	Blue	20	19 or L80	1.60	1.60
		4/0 AWG CODE	—	YSR3428LTCKITC	Standard	1.69	1.30	3.95	Brown	Purple	20	15	1.60	1.24

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

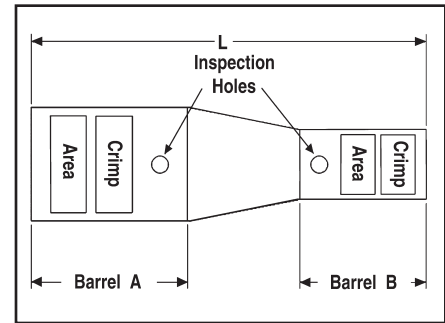
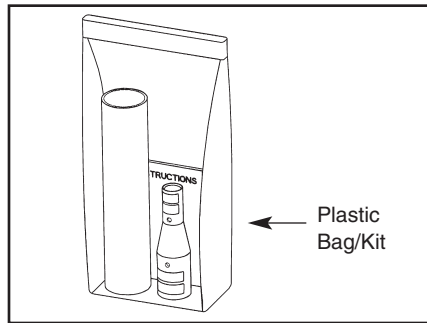
\*\* Clear Heatshrink – UL224 VW1 Listed – passes TELCORDIA GR-347-CORE “Abrasion and Cut Test”. (Up to 750 kcmil Class B code cable. Contact factory for 750 flex cable applications.)

Note: All dimensions shown are for reference only.

### TYPE YSR-TC

#### HYREDUCER™ (Continued)

In-line Reducer Splice Kits for  
Telecommunications  
Applications



C-104

Wire Range				** Clear Heat Shrink Kit Catalog Number	Barrel Type	Connector							Wire Strip Length	
Barrel A		Barrel B				Dimensions			Color Code		Die Index		Barrel A	Barrel B
AWG	mm <sup>2</sup>	AWG	mm <sup>2</sup>			Barrel A	Barrel B	L	Barrel A	Barrel B	Barrel A	Barrel B	Barrel A	Barrel B
500 kcmil CODE	240 mm <sup>2</sup> Class 2	4/0 AWG FLEX	—	YSR3429FXLKITC	Standard	1.69	1.44	3.81	Brown	Yellow	20	16	1.60	1.38
		1/0 AWG FLEX or CODE	50 mm <sup>2</sup> Class 5	YSR3425FXLTCKITC	Standard	1.69	1.04	4.01	Brown	Pink	20	12	1.60	1.00
350 kcmil FLEX	240 mm <sup>2</sup> Class 5	4/0 AWG FLEX	120 mm <sup>2</sup> Class 5 or Class 2	YSR34FX28FXLTCKITC	Standard	1.69	1.43	3.86	Blue	Purple	19 or L80	15	1.60	1.36
		4/0 AWG CODE	—	YSR34FX28LTCKITC	Standard	1.69	1.30	3.95	Blue	Purple	19 or L80	15	1.60	1.24
		4/0 AWG FLEX	—	YSR34FX29FXLKITC	Standard	1.69	1.44	3.81	Blue	Yellow	19 or L80	16	1.60	1.38
		1/0 AWG CODE	50 mm <sup>2</sup> Class 5	YSR34FX25FXLTCKITC	Standard	1.69	1.04	4.01	Blue	Pink	19 or L80	12	1.60	1.00
350 kcmil CODE	185 mm <sup>2</sup> Class 2	4/0 AWG CODE	—	YSR3128LTCKITC	Standard	1.49	1.30	3.27	Red	Purple	18	15	1.41	1.24
		4/0 AWG FLEX	—	YSR3129FXLKITC	Standard	1.49	1.44	3.13	Red	Yellow	18	16	1.41	1.38
		1/0 AWG FLEX or CODE	50 mm <sup>2</sup> Class 5	YSR3125FXLTCKITC	Standard	1.49	1.04	3.33	Red	Pink	18	12	1.41	1.00
		#2 AWG FLEX or CODE	35 mm <sup>2</sup> Class 5 or Class 2	YSR312CFXLTCKITC	Standard	1.49	0.82	3.37	Red	Brown	18	10	1.41	0.78
300 kcmil FLEX	185 mm <sup>2</sup> Class 5	4/0 AWG FLEX	120 mm <sup>2</sup> Class 5 or Class 2	YSR32FX29FXLTCKITC	Standard	1.57	1.43	3.46	Red	Yellow	18	16	1.48	1.36
4/0 AWG FLEX	—	1/0 AWG FLEX or CODE	50 mm <sup>2</sup> Class 5	YSR29FX25FXLTCKITC	Standard	1.44	1.04	3.10	Yellow	Pink	16	12	1.38	1.00
		#2 AWG FLEX or CODE	35 mm <sup>2</sup> Class 5 or Class 2	YSR29FX2CFXLTCKITC	Standard	1.44	0.82	3.13	Yellow	Brown	16	10	1.38	0.78
4/0 AWG CODE	—	1/0 AWG FLEX or CODE	50 mm <sup>2</sup> Class 5	YSR2825FXLTCKITC	Standard	1.30	1.04	2.66	Purple	Pink	15	12	1.24	1.00
		#2 AWG FLEX or CODE	35 mm <sup>2</sup> Class 5 or Class 2	YSR282CFXLTCKITC	Standard	1.30	0.82	2.70	Purple	Brown	15	10	1.24	0.78
		#6 AWG FLEX or CODE	16 mm <sup>2</sup> Class 5 or Class 2	YSR286CFXLTCKITC	Standard	1.30	0.73	2.99	Purple	Blue	15	7	1.24	0.70
2/0 AWG FLEX or CODE	70 mm <sup>2</sup> Class 5	#6 AWG FLEX or CODE	16 mm <sup>2</sup> Class 5 or Class 2	YSR26FX6CFXLTCKITC†	Standard	1.16	0.73	2.71	Black	Blue	13	7	1.10	0.70
1/0 AWG FLEX or CODE	50 mm <sup>2</sup> Class 5	#6 AWG FLEX or CODE	16 mm <sup>2</sup> Class 5 or Class 2	YSR25FX6CFXLTCKITC†	Standard	1.04	0.73	2.42	Pink	Blue	12	7	1.00	0.70
#2 AWG FLEX or CODE	35 mm <sup>2</sup> Class 5	#6 AWG FLEX or CODE	16 mm <sup>2</sup> Class 5 or Class 2	YSR2CFX6CFXLTCKITC	Standard	0.82	0.73	1.93	Brown	Blue	10	7	0.78	0.70
#4 AWG FLEX or CODE	—	#6 AWG FLEX or CODE	16 mm <sup>2</sup> Class 5 or Class 2	YSR4CFX6CFXLTCKITC	Standard	0.74	0.73	1.67	Gray	Blue	8	7	0.71	0.70

† 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: All dimensions shown are for reference only.