



CAS-8M

5/8 kV cold-applied in-line cable splice for 1/C power cables

Tyco Electronics' CAS-8M series cold-applied splice is designed to splice medium voltage cables without the use of a torch. The splice consists of a pre-stretched body on a unique holdout design, together with a build-in-place Faraday cage.

The kit contains an integrated sock-type shielding mesh and solderless spring clamps to accommodate different types of metallic shields such as Copper Tape, LC, Flat Strap and others. The splice is also designed to fit URD type cables (Concentric Neutral and Jacketed

Concentric Neutral cables). The re-jacketing system is a wraparound GelWrap splice closure designed to seal the entire splice area and provide mechanical and environmental protection.

The kits fit a wide range of cable sizes and can be used in size transitions (e.g. 4/0 to 500 kcmil). Connectors are not included.

The CAS-8M series of splices meets IEEE-404 for 5 and 8 kV levels.

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Selection information: dimensions in inches (millimeters)

Catalog number	Voltage Class	Nominal cable range	Min/Max insulation OD	Max jacket OD	Maximum connector dimensions		
					OD	Length	
					Copper	Aluminum	
CAS-8M-2	5/8 kV	#4 - 750 kcmil	0.45-1.4 (11-35)	1.8 (46)	1.46 (37)	6.0 (150)	5.50 (140)

Ordering Information:

- Select the appropriate catalog number. Selections are based on the typical dimensions of 100% insulated cables (manufactured in accordance with the data contained in AEIC CS5-1987 and AEIC CS6-1987) and commonly used connectors. Nominal insulation thickness (100%):
5 kV: 90 mils, 8 kV: 115 mils.
- For cables manufactured to other specifications, confirm selection with cable and connector dimensions.
- Kits do not contain connectors; order compression, mechanical or solder connectors separately.
- If external grounding and/or shield interrupting is required, order a CAS-EG kit.
- Standard package: 1 kit/box.
- Related test reports: [EDR-5376](#)
Related installation instructions: [CAS-8M-2](#)