

CWT-9000 Series

Solder Sleeve Wire Splices



TE Connectivity/Raychem solder sleeve splicing devices can be used to make sealed or unsealed splices in a single step. The CWT-9000 series of products are designed to solder, insulate, encapsulate and provide strain relief to a wide range of wire sizes. Non-RoHS Compliant.

Features & Benefits

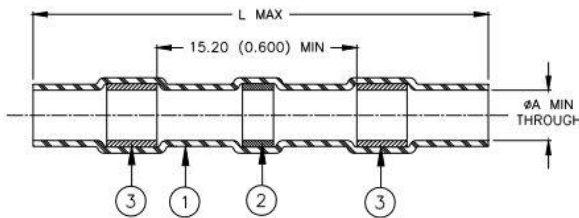
- Splash proof
- Pre-fluxed solder preform provides a controlled soldering process
- One-piece design makes installation easy and lowers the installed cost

Applications

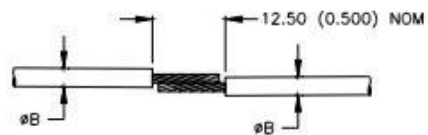
- These controlled soldering devices are designed to splice tin-plated or bare copper stranded wires rated for at least +85°C.

Materials (see Diagrams and Table)	
Insulation Sleeve (1)	Modified polyolefin
Solder (2)	Type CD18 (per ANSI/J-STD-006)
Flux (2)	Type ROM1 (per ANSI/J-STD-004)
Meltable Rings (3)	Colour coded thermoplastic

General Information	
Minimum Wire Rating	85°C
Operating temperature	-55°C to 125°C
Dielectric Strength	2 kV/mm
Insulation Resistance	1000 megohms
Specifications	UL (E87681) D-5023



For best results, prepare the wires as shown:



Ordering Description	Colour Coded Inserts (3)	Product Dimensions		Conductor Dimensions Ø B		Selection guide			
		L max (mm)	Ø A min (mm)	Min (mm)	Max (mm)	Total MM ²		Total CMA	
						Min (mm)	Max (mm)	Min	Max
CWT-9001	Clear	26.0	1.7	0.4	1.7	0.3	0.8	450	1500
CWT-9002	Red	42.0	2.7	1.3	2.7	0.8	2.0	1250	3500
CWT-9003	Blue	42.0	4.5	1.8	4.5	2.0	4.0	2500	7200
CWT-9004	Yellow	42.0	6.0	2.8	6.0	4.0	6.0	6100	19000
CWT-9005	Grey	42.0	7.0	3.2	7.0	6.0	10.0	12000	25000

