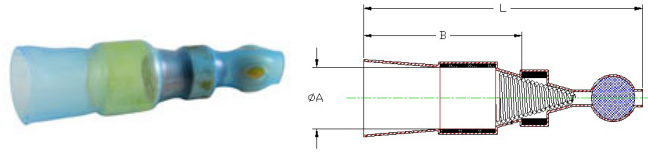


CLOSED END SOLDER SPLICE, SEALED



Specifications

- **Maximum Electrical Rating:** 600VAC
- **Continuous Use Temperature:** -40° to +125°C
- **Minimum Shrink Temperature:** +150°C
- **Complete Shrinkage Temperature:** Above +175°C
- **Solder:** Bi58Sn42
- **Temperature that Solder Starts to Melt:** +138°C
- **Temperature that Solder Fully Melts:** +160°C
- **Insulated Material:** PVDF w/Hot Melt Adhesive
- **Terminal Material:** Copper
- **Wire Type:** Accepts Both Solid and Stranded Types



Ordering Information:

NTE Part Number	Insulation Color	Dimensions inch(mm)			Wire Range mm ²	
		∅ A	B	L	Min	Max
76-CESS-1	Green	.142 (3.6)	1.024 (26.0)	1.508 (38.3)	0.7	2.4
76-CESS-2	Red	.197 (5.0)	.925 (23.5)	1.484 (37.7)	2.0	4.0
79-CESS-3	Blue	.295 (7.5)	1.043 (26.5)	1.791 (45.5)	3.5	8.0
79-CESS-4	Yellow	.370 (9.4)	1.004 (25.5)	1.772 (45.0)	7.5	12

Wire Range Notes:

Assume that you have two wires of different sizes and need to determine the correct splice to use. Wire "A" has a measurement of 0.7mm² and wire "B" has a measurement of 1.6mm².

Using the formula, $A + B = C$ mm² will give you: $0.7\text{mm}^2 + 1.6\text{mm}^2 = 2.3\text{mm}^2$

In the Ordering Information Table above, the value 2.3mm² falls between 0.7 and 2.4 shown for the device number, 76-CESS-1, therefore, that is the device needed for your application.