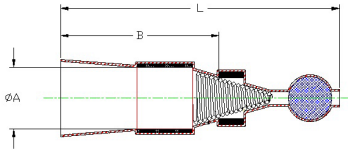
CLOSED END SOLDER SPLICE, SEALED

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 $0.7mm^2$ and wire “B” has a measurement of $1.6mm^2$.

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

In the Ordering Information Table above, the value $2.3mm^2$ falls between 0.7 and 2.4 shown for the device number, 76–CESS–1, therefore, that is the device needed for your application.