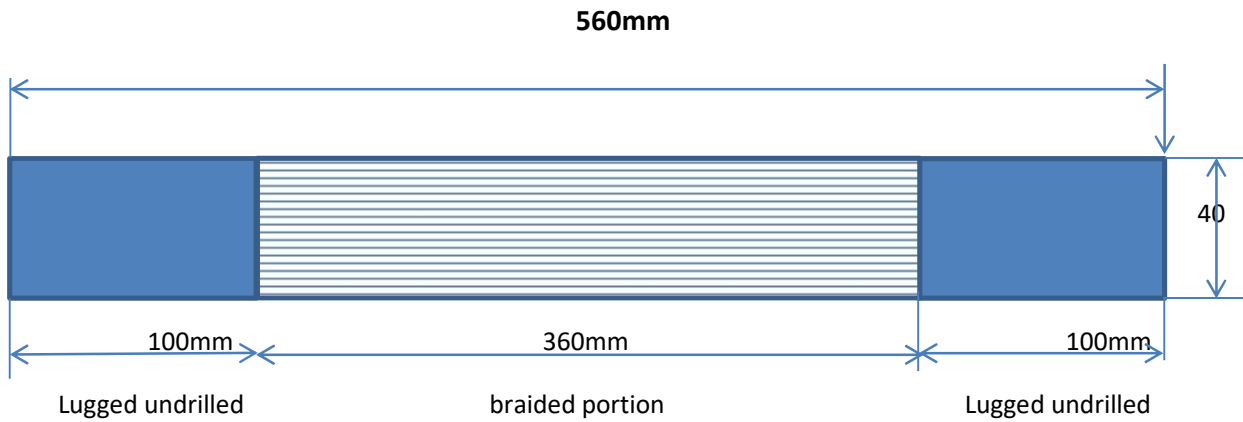


## **Braided Flexible Connector, CuSn, 600mm<sup>2</sup>, Lugged**



**Note:-** 1. braided flexible should be 4 layers.

**2.Material:** Tin-Coated Copper / CuSn braid

**3.Cross-sectional Area:** 600 mm<sup>2</sup>

**4.Width:** 40 mm (+/- 1 mm)

**5.Thickness:** For 600 mm<sup>2</sup> thickness 15mm (+/- 1mm)

**6.End Termination:** suitable for bolted busbar connection

2. Technical Specifications:

Parameter	Requirement	Tolerance
Cross-Sectional Area	600 mm <sup>2</sup>	-
Overall Length	560mm	+/- 5mm
Braided Portion Length	360mm	+/- 5mm
Width	40 mm	+/- 1 mm
Thickness	15 mm	+/- 1 mm
Number of Braiding Layers	4 Layers	Mandatory
Material	High-conductivity electrolytic copper (≥99.9%), fully tin-coated	-
End Termination	Pressed copper lugs, suitable for bolted connection to busbars.	-
Lug Hole Size	Undrilled	-
Finish	Consistent, bright tin plating. No bare copper visible.	-

- **Current Rating:** This braid can comfortably handle a **continuous current of approximately 2,800 Amps** .**Low Resistance:** The large area ensures an extremely low electrical resistance path. This minimizes voltage drop and power loss ( $I^2R$  loss) across the connector, which is crucial for efficiency and preventing overheating in high-power applications.