

## Two Bolt LSF Type Cleat (TBLSF-Range) BICC Atlas I



### Two (2) Bolt LSF Type Cleat:

In all cable installations, an essential factor is to ensure that all cables are secured with the correct cleats for the cable, application, and environment. The TBLSF series of cleats support and secure all cables in a single formation throughout the system during normal operation and during fault conditions that may occur. System integrity is maintained, and cable damage can be prevented.

The TBLSF range of cleats comply with latest requirements to EN 61914:2016 & IEC 61914:2015 standards. They are manufactured from nylon 66 which is renowned for its low smoke zero halogen characteristics with excellent resistant to ultraviolet light and adverse weather conditions. The cleats are designed to hold and retain all types of LSF/LSZH cables in a single formation.

The TBLSF range of cable cleats are marked "BICC COMPONENTS – TBLSFXX" along with the cable diameter range (XX-XX) accommodation covering diameters from 50mm to 94mm.

The short circuit ratings mentioned below are based on single core cable formation as per EN 61914:2016 & IEC 61914:2015 standards. Short circuit report for multicore cables is available upon request.

Test Standard: EN 61914:2016 & IEC 61914:2015					
Description:	Clause:	Classification:	Description:	Clause:	Classification:
Type	6.1.2	Non-Metallic	Resistance to Short Circuit	6.4.4 – 1 short circuit	20kA RMS / 50kA Peak
Operating Temperature	6.2	-20°C to +60°C		6.4.5 – 2 short circuits	20kA RMS / 50kA Peak
Impact Resistance	6.3.4	Heavy	Ultraviolet Light	6.5.1.2	Resistant to Ultraviolet Light
Lateral Retention	6.4.2	8 KN	Corrosion Resistant	6.5.2	Not Applicable
Axial Retention	6.4.3	0.3 KN	Needle Flame	10.1	>120 secs
Cleat Spacing			Cleat type, spacing and suitability for horizontal or vertical installation is dependent on system fault level and cable diameter and weight. Therefore, these parameters must be adequately assessed by the end-user prior to order or installation of the cleats.		

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### Features:

- Low and Medium Voltage Single or Multi core Type Cables in a Single Formation.
- Cable Diameter Range from 50mm to 94mm.
- **Material:** Nylon 66 Glass Reinforced – Black Colour
  - Tested in accordance with BS 60754-2:2014
- Suitable for Use With all Standard Ladder and Tray Systems.
- Operating Temperatures -20°C to +60°C.

Selection Table:							
Item Code	Cable Diameters (mm)		Cleat Dimensions (mm)				Hole Fixings
	Min.	Max.	C	A	B	E	
TBLSF01	50	58	79.0	102.0	45.0	81.0	2 x M10
TBLSF02	56	64	83.0	102.0	45.0	81.0	2 x M10
TBLSF03	62	70	89.0	114.5	45.0	93.0	2 x M10
TBLSF04	68	76	96.0	114.5	50.0	93.0	2 x M10
TBLSF05	74	82	101.0	126.5	50.0	104.0	2 x M10
TBLSF06	80	88	109.0	128.0	50.0	105.0	2 x M10
TBLSF07	86	94	116.0	138.0	60.0	115.0	2 x M10

**Disclaimer:** The dimension provided are for guidance and given in good faith, however BICC Components reserve the right to change these without prior notification.

