

STB series

30 AWG individual strand

Description:

2-hole NEMA, flexible braided connectors using 30 AWG individual wires in braid construction for extra flexibility. These connectors are made with tin- or silver-plated high-conductivity seamless 99.9% pure copper ferrules formed on each end. Individual wires used in braid are tinned prior to weaving so that maximum protection from corrosion is provided.

Application:

These highly flexible connectors are suitable wherever it is necessary to take up expansion, moderate vibration and/or misalignment when connecting transformers, switchgear, generators or busbars.

Ordering Information:

Length: Standard total lengths are 304 mm (12 in.). If different lengths are required, add your desired length in millimeters at the end of the part number. Ex.: STB070A1406 (for 16 in. long)

Plating: Standard ferrules are electro-tin plated. Other options are available; please refer to page D4.



Standard flexible connectors – 2-hole NEMA standard

Cat. no.	*Ampacity Δ 65 °C	No. of Braids in assembly	W in. (mm)	F in. (mm)	E in. (mm)	S in. (mm)	H in. (mm)	T in. (mm)	Weight lb (g)
STB040A1	400	1	1½ (38.1)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	⅜ (4.7)	0.63 (286)
STB070A1	700	2	1½ (38.1)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	¼ (6.3)	0.98 (445)
STB090A1	900	3	1½ (38.1)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	11/32 (8.7)	1.31 (594)
STB110A1	1,100	4	1½ (38.1)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	⅜ (9.5)	1.67 (758)
STB150A1	1,500	6	1½ (38.1)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	½ (12.7)	2.29 (1,039)
STB170A1	1,700	9	1⅝ (40)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	¾ (19)	3.76 (1,706)
STB200A1	2,000	13	1⅝ (40)	3½ (90)	⅝ (16)	1¾ (44.4)	⅜ (14.3)	1 (25.4)	5.26 (2,386)

*Temperature rise test per; CEI60694, IEEE / ANSI C37, 34 1994.

Diagram

