



# XB GROUNDING SERIES

FLEXIBLE BRAIDED CONNECTORS  
FOR GROUNDING AND BONDING EQUIPMENT STANDARD.  
LISTED TO UL 467 & 468A



### STANDARD FLEXIBLE BRAIDS

30 AWG individual wire - tin-plated C11000 copper as per ASTM B33.

### STANDARD FERRULE

Seamless pure copper tube as per ASTM B75, ASTM B88 or ASTM B188

### STANDARD FERRULE PLATING

Electro-tin 0.0003" as per ASTM B545

### OPTIONAL FERRULE FINISHES

Silver plating 0.0003" as per ASTM B700

Nickel plating 0.0003" as per ASTM B733

Bare copper finishes

### LENGTH (G) END TO END TOLERANCES

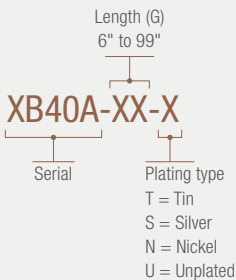
+0.125"/-0 for 6" to 11"

+0.250"/-0 for 12" to 24"

+0.500"/-0 for 25" to 48"

+1.000"/-0 for 49" to 99"

### PART NUMBER EXAMPLE



EXEL P/N	TYPE	NUMBER OF BRAIDS IN FERRULES	A FERRULE WIDTH (+/-0.020")	B FERRULE LENGTH (+/-0.060")	C FERRULE THICKNESS (+/-0.020")	D HOLE DISTANCE (+/-0.020")	E HOLE END POSITION (+/-0.060")	F HOLE DIAMETER (+/-0.020")	BRAIDS CROSS-SECTION		SHORT TIME TEST CURRENTS VS TIME				PULLOUT TEST (LBS)
									CIRCULAR MILS	mm <sup>2</sup>	TEST VALUE		CALCULATION VALUE BY INTERPOLATION METHOD		
											9 sec	6 sec	3 sec	1 sec	
XB6-xx-x	1H	1	0.750	0.750	0.125	N/A	0.375	0.343	38,400	19.5		1,530A	2,175A	3,767A	100
XB4-xx-x	1H	1	1.000	1.250	0.150	N/A	0.625	0.438	48,000	24.3		2,450A	3,466A	6,004A	140
XB2-xx-x	1H	1	1.000	1.250	0.180	1.250	0.625	0.438	76,800	38.9	3,900A	5,494A	9,515A	180	
XB2A-xx-x				2.500											
XB2B-xx-x				3.000											
XB2C-xx-x				3.000		1.750	0.625	0.563							
XB10-xx-x	1H	1	1.250	1.500	0.176	1.250	0.625	0.438	105,600	53.5	5,050A	8,748A	15,151A	250	
XB10A-xx-x	2.500														
XB10B-xx-x	3.000														
XB10C-xx-x	2H			3.000		1.500	0.750	0.438							
XB20-xx-x	1H	2	1.250	1.500	0.220	1.250	0.625	0.438	153,600	77.8	6,400A	11,020A	19,088A	300	
XB20A-xx-x	2.500														
XB20B-xx-x	3.000														
XB20C-xx-x	2H			3.000		1.500	0.750	0.438							
XB30-xx-x	1H	1	1.250	1.500	0.250	1.250	0.625	0.438	168,000	85.1	8,030A	13,898A	24,072A	350	
XB30A-xx-x	2.500														
XB30B-xx-x	3.000														
XB30C-xx-x	2H			3.000		1.500	0.750	0.438							
XB40-xx-x	1H	2	1.250	1.500	0.290	1.250	0.625	0.438	211,200	107.0	10,100A	17,495A	30,302A	450	
XB40A-xx-x	2.500														
XB40B-xx-x	3.000														
XB40C-xx-x	2H			3.000		1.500	0.750	0.438							
XB300-xx-x	1H	2	1.500	1.500	0.330	1.250	0.625	0.438	336,000	170.3	14,300A	24,854A	43,049A	550	
XB300A-xx-x	2.500														
XB300B-xx-x	3.000														
XB300C-xx-x	2H			3.000		1.500	0.750	0.438							
XB350-xx-x	1H	3	1.500	1.500	0.352	1.250	0.625	0.438	374,400	189.7	16,700A	28,997A	50,224A	600	
XB350A-xx-x	2.500														
XB350B-xx-x	3.000														
XB350C-xx-x	2H			3.000		1.500	0.750	0.438							
XB400A-xx-x	1H	2	1.500	2.750	0.450	1.250	0.625	0.438	460,800	233.5	19,100A	33,139A	57,399A	650	
XB400B-xx-x	2H			3.250											
XB400C-xx-x				3.250											
XB500A-xx-x	1H	3	1.500	2.750	0.480	1.250	0.625	0.438	504,000	255.4	23,900A	41,424A	71,749A	800	
XB500B-xx-x	2H			3.250											
XB500C-xx-x				3.250											
XB600A-xx-x	1H	2	1.625	2.750	0.500	1.250	0.625	0.438	614,400	311.3	28,700A	49,709A	86,099A	900	
XB600B-xx-x	2H			3.250											
XB600C-xx-x				3.250											
XB700A-xx-x	1H	3	1.625	2.750	0.580	1.250	0.625	0.438	756,000	383.1	33,500A	57,994A	100,448A	1000	
XB700B-xx-x	2H			3.250											
XB700C-xx-x				3.250											
XB900A-xx-x	1H	3	1.625	2.750	0.711	1.250	0.625	0.438	921,600	467.0	43,100A	74,563A	129,148A	1000	
XB900B-xx-x	2H			3.250											
XB900C-xx-x				3.250											

