

WS 22 SERIES

Bushings to Square Cut Insulation

These tables should only be used as a guide. Cable samples should be provided to Ripley to ensure proper sizing.



Bushing selection tables by conductor size and insulation thickness (part numbers listed)

Concentric Strand Conductor

Replacement Blade: CB 22

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max.	O.D.	Part	Max.	O.D.	Part	Max.	O.D.	Part	Max.	O.D.	Part
	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number
1/0	.515	13.08	15-52540	.565	14.35	15-57560	.590	14.99	15-60075	*	*	*
2/0	.565	14.35	15-57540	.590	14.99	15-60060	.640	16.26	15-65075	*	*	*
3/0	.615	15.62	15-62540	.665	16.89	15-67560	.690	17.53	15-70075	*	*	*
4/0	.665	16.89	15-67540	.715	18.16	15-72560	.740	18.80	15-75075	*	*	*
MCM												
250	*	*	*	.765	19.43	15-77560	.790	20.07	15-80075	.815	20.70	15-82590
350	*	*	*	.865	21.97	15-87560	.890	22.61	15-90075	.965	24.51	15-92590
500	*	*	*	.990	25.15	15-100060	1.040	26.42	15-105075	1.065	27.05	15-107590
600	*	*	*	1.065	27.05	15-107560	1.115	28.32	15-112575	1.140	28.96	15-115090
700	*	*	*	1.165	29.59	15-117560	1.190	30.23	15-120075	1.125	30.86	15-122590
750	*	*	*	1.190	30.23	15-120060	1.215	30.86	15-122575	1.240	31.50	15-125090
800	*	*	*	1.215	30.86	15-122560	1.265	32.13	15-127575	1.290	32.77	15-130090
900	*	*	*	1.290	32.77	15-130060	1.315	33.40	15-132575	1.365	34.67	15-137590
1000	*	*	*	1.340	34.04	15-135060	1.365	34.67	15-137575	1.390	35.31	15-140090



Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max.	O.D.	Part	Max.	O.D.	Part	Max.	O.D.	Part	Max.	O.D.	Part
	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number
1/0	.490	12.45	15-50040	.540	13.72	15-55060	.590	14.99	15-60075	*	*	*
2/0	.540	13.72	15-55040	.590	14.99	15-60060	.615	15.62	15-62575	*	*	*
3/0	.590	14.99	15-60040	.640	16.26	15-65060	.665	16.89	15-67575	*	*	*
4/0	.665	16.89	15-67540	.690	17.53	15-70060	.740	18.80	15-75075	*	*	*
MCM												
250	*	*	*	.740	18.80	15-75060	.765	19.43	15-77575	.815	20.70	15-82590
350	*	*	*	.840	21.34	15-85060	.890	22.61	15-90075	.915	23.27	15-92590
500	*	*	*	.965	24.51	15-97560	1.015	25.78	15-102575	1.040	26.42	15-105090
600	*	*	*	1.065	27.05	15-107560	1.090	27.69	15-110075	1.115	28.32	15-112590
700	*	*	*	1.140	28.96	15-115060	1.165	29.39	15-117575	1.190	30.23	15-120090
750	*	*	*	1.165	19.59	15-117560	1.190	30.23	15-120075	1.215	30.86	15-122590
800	*	*	*	1.190	30.23	15-120060	1.215	32.86	15-122575	1.265	32.13	15-127590
900	*	*	*	1.240	32.50	15-125060	1.290	32.77	15-130075	1.315	33.40	15-132590
1000	*	*	*	1.315	33.40	15-132560	1.340	34.04	15-135075	1.365	34.67	15-137590



Compressed Strand Conductor

CONDUCTOR SIZE AWG	INSULATION THICKNESS											
	60 MIL			80 MIL			95 MIL			110 MIL		
	Max.	O.D.	Part	Max.	O.D.	Part	Max.	O.D.	Part	Max.	O.D.	Part
	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number
1/0	.465	11.81	15-47540	.515	13.08	15-52560	.565	14.35	15-57575	*	*	*
2/0	.515	13.08	15-52540	.565	14.25	15-57560	.590	14.99	15-60075	*	*	*
3/0	.565	14.35	15-57540	.615	15.62	15-62560	.640	16.26	15-65075	*	*	*
4/0	.615	15.62	15-62540	.665	16.89	15-67560	.690	17.53	15-70075	*	*	*
MCM												
250	*	*	*	.715	18.16	15-72560	.740	18.80	15-75075	.790	20.07	15-80090
350	*	*	*	.790	20.07	15-80060	.840	21.34	15-85075	.865	21.97	15-87590
500	*	*	*	.915	23.27	15-92560	.965	24.51	15-97575	.990	25.15	15-100090
600	*	*	*	1.065	25.78	15-102560	1.040	26.42	15-105075	1.090	27.69	15-110090
700	*	*	*	1.015	27.05	15-107560	1.090	27.69	15-110075	1.140	28.96	15-115090
750	*	*	*	1.065	27.69	15-110060	1.140	28.96	15-115075	1.165	29.59	15-117590
800	*	*	*	1.090	28.96	15-115060	1.165	29.59	15-117575	1.265	30.23	15-120090
900	*	*	*	1.190	30.23	15-120060	1.215	30.86	15-122575	1.190	32.13	15-127590
1000	*	*	*	1.265	32.13	15-127560	1.290	32.77	15-130075	1.315	33.40	15-132590

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