

PRODUCT SPECIFICATION SHEET

Product Name: IGUS® Chainflex® PVC Power Cables

Technical Data	
Minimum Bending Radius, moving	7.5 x outer cable diameter
Minimum Bending Radius, fixed	4 x outer cable diameter
Permissible Temperature, moving	+23° F to +158° F (-5° C to +70° C)
Permissible Temperature, fixed	-4° F to +158° F (-20° C to +70° C)
Voltage	1000 Volts
Testing Voltage	4000 Volts
Oil Resistance	Medium
UV Resistance	Medium
Regulations	
cRUus	UL AWM Style for USA & Canada: 2570 80° C 1000V
Flame Resistance	FT1
CE	Compliant
RoHS	Compliant
Conductor Colors	Black with White numbers, one conductor Green-Yellow
	1. U / L1 / C / L+, 2. V / L2, 3. W / L3 / D / L-, 4. 4 / N, 5. green / yellow
lbs/mft = pounds per thousand feet	

Non-Shielded PVC Power Cable

Part #	AWG	# of Conductor & Rated Cross Section in MM²	Outer Diameter (Approx)		Copper Index		Weight	
			Inches	MM	Lbs/Mft	Kg/Km	Lbs/Mft	Kg/Km
IGU-CF30-15-04	16	4 x 1.5	0.34	8.5	37	55	69	102
IGU-CF30-25-04	14	4 x 2.5	0.41	10.5	65	95	112	164
IGU-CF30-40-04	12	4 x 4	0.47	12	103	152	160	235
IGU-CF30-40-05	12	5 x 4	0.53	13.5	128	188	194	285
IGU-CF30-60-04	10	4 x 6	0.57	14.5	154	227	231	339
IGU-CF30-60-05	10	5 x 6	0.61	15.5	191	282	276	405
IGU-CF30-100-04	8	4 x 10	0.71	18	266	391	378	556
IGU-CF30-100-05	8	5 x 10	0.79	20	333	489	476	699
IGU-CF30-160-04	6	4 x 16	0.83	21	415	610	568	835
IGU-CF30-160-05	6	5 x 16	0.95	24	519	763	695	1021
IGU-CF30-250-04	4	4 x 25	1.02	26	642	944	896	1317
IGU-CF30-350-04	2	4 x 35	1.14	29	904	1329	1171	1721
IGU-CF30-500-04	1	4 x 50	1.38	35	1291	1898	1657	2436

Shielded PVC Power Cable

Part #	AWG	# of Conductor & Rated Cross Section in MM²	Outer Diameter (Approx)		Copper Index		Weight	
			Inches	MM	Lbs/Mft	Kg/Km	Lbs/Mft	Kg/Km
IGU-CF31-15-04	16	4 x 1.5	0.43	11	56	82	115	169
IGU-CF31-25-04	14	4 x 2.5	0.49	12.5	87	128	161	237
IGU-CF31-40-04	12	4 x 4	0.55	14	131	192	217	319
IGU-CF31-40-05	12	5 x 4	0.61	15.5	167	146	264	388
IGU-CF31-60-04	10	4 x 6	0.67	17	197	290	316	464
IGU-CF31-60-05	10	5 x 6	0.73	18.5	237	349	380	558
IGU-CF31-100-04	8	4 x 10	0.83	21	325	477	508	747
IGU-CF31-100-05	8	5 x 10	0.91	23	407	598	615	904
IGU-CF31-160-04	6	4 x 16	0.95	24	501	737	712	1047
IGU-CF31-250-04	4	5 x 25	1.16	29.5	735	1081	1072	1577
IGU-CF31-350-04	2	4 x 35	1.32	33.5	1009	1483	1415	2080
IGU-CF31-500-04	1	4 x 50	1.52	38.5	1416	2081	1940	2851
IGU-CF31-700-04	2/0	4 x 70	1.85	47	2014	2961	3163	4650