

## 1kV FR PVC Copper 7 Core Технические характеристики



Архангельск (8182)63-90-72  
Астана +7(7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06  
Ижевск (3412)26-03-58  
Казань (843)206-01-48

Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81  
Магнитогорск (3519)55-03-13  
Москва (495)268-04-70  
Мурманск (8152)59-64-93  
Набережные Челны (8552)20-53-41  
Нижний Новгород (831)429-08-12  
Новокузнецк (3843)20-46-81

Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Пермь (342)205-81-47  
Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Симферополь (3652)67-13-56  
Смоленск (4812)29-41-54

Сочи (862)225-72-31  
Ставрополь (8652)20-65-13  
Сургут (3462)77-98-35  
Тверь (4822)63-31-35  
Томск (3822)98-41-53  
Тула (4872)74-02-29  
Тюмень (3452)66-21-18  
Ульяновск (8422)24-23-59  
Уфа (347)22948 -12  
Хабаровск (4212)92-98-04  
Челябинск (351)202-03-61  
Череповец (8202)49-02-64  
Ярославль (4852)69-52-93

PVC  
FRPVC SWA FRPVC (red stripe)  
LHPVC SWA LHPVC (blue stripe)

F4CC... Primary group code  
...111 Finish code  
...212

Copper 7 Core  
600/1000 V  
SANS 1507

Size code	...naaa...	7910	7915	7925	7004	7006	7010
Conductor size	mm <sup>2</sup> nom	1	1.5	2.5	4	6	10
Conductor diameter	mm app.	1.3	1.7	2.2	2.5	3	4
Insulation diameter	mm app.	3	3.5	4	5	5.5	6
Bedding diameter	mm app.	10.5	12	13	15	17.5	20
Armour diameter	mm app.	13	14	15	17.5	20	22.5
Cable diameter	mm app.	16	17	18	21	23.5	26
Cable mass	kg/m app.	0.53	0.6	0.7	0.94	1.25	1.6
Gross mass ( 500 m )	kg app.	310	355	420	550	685	880
Bending radius	mm min.	160	170	180	210	235	260
Resistance							
dc @ 20°C	Ω/km max	18.1	12.1	7.41	4.61	3.08	1.83
ac @ 70°C	Ω/km max	21.66	14.48	8.87	5.52	3.69	2.19
Reactance							
	Ω/km	0.115	0.107	0.103	0.103	0.097	0.091
Capacitance							
	μF/km	0.281	0.315	0.375	0.376	0.44	0.532
Impedance							
	Ω/km	21.657	14.478	8.867	5.517	3.687	2.192
Short circuit ratings							
Symmetrical	kA (1sec)	0.13	0.19	0.32	0.51	0.76	1.28
Earth fault	kA (1sec)	1.68*	1.80*	2.05*	2.36*	3.56*	4.07*
(Single Phase) Volt Drop							
	mV/A/m	43.31	28.96	17.73	11.03	7.37	4.38

When ordering please quote: primary + size + finish code

e.g. F4CC 7010 111



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group



PVC  
FRPVC SWA/ECC FRPVC (red stripe)  
LHPVC SWA/ECC LHPVC (blue stripe)

F4CC... Primary group code  
...121 Finish code  
...222

Copper 7 Core  
600/1000 V  
SANS 1507

Size code	...naaa...	7910	7915	7925	7004	7006	7010
Conductor size	mm <sup>2</sup> nom	1	1.5	2.5	4	6	10
Conductor diameter	mm app.	1.3	1.7	2.2	2.5	3	4
Insulation diameter	mm app.	3	3.5	4	5	5.5	6
Bedding diameter	mm app.	10.5	12	13	15	17.5	20
Armour diameter	mm app.	13	14	15	17.5	20	22.5
Cable diameter	mm app.	16	17	18	21	23.5	26
Cable mass	kg/m app.	0.53	0.6	0.7	0.94	1.25	1.6
Gross mass ( 500 m )	kg app.	310	355	420	550	685	880
Bending radius	mm min.	160	170	180	210	235	260
<b>Resistance</b>							
dc @ 20°C	Ω/km max	18.1	12.1	7.41	4.61	3.08	1.83
ac @ 70°C	Ω/km max	21.66	14.48	8.87	5.52	3.69	2.19
Reactance	Ω/km	0.116	0.11	0.103	0.103	0.097	0.091
Capacitance	μF/km	0.275	0.315	0.375	0.376	0.44	0.532
Impedance	Ω/km	21.657	14.478	8.867	5.517	3.687	2.192
<b>Short circuit ratings</b>							
Symmetrical	kA (1sec)	0.13	0.19	0.32	0.51	0.76	1.28
Earth fault	kA (1sec)	1.74*	1.85*	1.96*	2.46*	2.91*	3.31*
(Single Phase) Volt Drop	mV/A/m	36.2	24.2	14.82	9.22	6.16	3.66

When ordering please quote: primary + size + finish code  
e.g. F4CC 7010 121

\* Earth fault rating limited by symmetrical fault rating



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group



# Low Voltage PVC Control Cables

PVC  
FRPVC (red stripe)  
LHPVC (blue stripe)

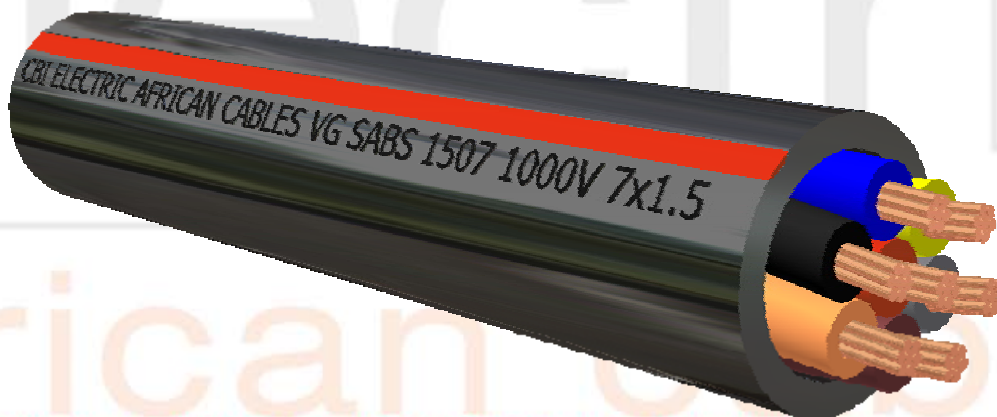
F4CC...  
...001  
...002

Primary group code  
Finish code

Copper 7 Core  
600/1000 V  
SANS 1507

Size code	...naaa...	7910	7915	7925	7004	7006	7010
Conductor size	mm <sup>2</sup> nom	1	1.5	2.5	4	6	10
Conductor diameter	mm app.	1.3	1.7	2.2	2.5	3	4
Insulation diameter	mm app.	2.9	3.5	4	5	5.5	6
Cable diameter	mm app.	12	13	15	17	19	21.5
Cable mass	kg/m app.	0.2	0.25	0.35	0.5	0.65	1
Gross mass ( 500 m )	kg app.	130	155	215	305	385	560
Bending radius	mm min.	96	104	120	136	152	172
Resistance							
dc @ 20°C	Ω/km max	18.1	12.1	7.41	4.61	3.08	1.83
ac @ 70°C	Ω/km max	21.657	14.478	8.867	5.517	3.687	2.192
Reactance	Ω/km	0.116	0.11	0.103	0.103	0.097	0.091
Capacitance	μF/km	0.275	0.315	0.375	0.376	0.44	0.532
Impedance	Ω/km	21.657	14.478	8.867	5.517	3.687	2.192
(Single Phase) Volt Drop	mV/A/m	43.31	28.96	17.73	11.03	7.37	4.38

When ordering please quote: primary + size + finish code  
e.g. F4CC 7910 001



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group



<b>Архангельск</b> (8182)63-90-72	<b>Калининград</b> (4012)72-03-81	<b>Новосибирск</b> (383)227-86-73	<b>Сочи</b> (862)225-72-31
<b>Астана</b> +7(7172)727-132	<b>Калуга</b> (4842)92-23-67	<b>Омск</b> (3812)21-46-40	<b>Ставрополь</b> (8652)20-65-13
<b>Астрахань</b> (8512)99-46-04	<b>Кемерово</b> (3842)65-04-62	<b>Орел</b> (4862)44-53-42	<b>Сургут</b> (3462)77-98-35
<b>Барнаул</b> (3852)73-04-60	<b>Киров</b> (8332)68-02-04	<b>Оренбург</b> (3532)37-68-04	<b>Тверь</b> (4822)63-31-35
<b>Белгород</b> (4722)40-23-64	<b>Краснодар</b> (861)203-40-90	<b>Пенза</b> (8412)22-31-16	<b>Томск</b> (3822)98-41-53
<b>Брянск</b> (4832)59-03-52	<b>Красноярск</b> (391)204-63-61	<b>Пермь</b> (342)205-81-47	<b>Тула</b> (4872)74-02-29
<b>Владивосток</b> (423)249-28-31	<b>Курск</b> (4712)77-13-04	<b>Ростов-на-Дону</b> (863)308-18-15	<b>Тюмень</b> (3452)66-21-18
<b>Волгоград</b> (844)278-03-48	<b>Липецк</b> (4742)52-20-81	<b>Рязань</b> (4912)46-61-64	<b>Ульяновск</b> (8422)24-23-59
<b>Вологда</b> (8172)26-41-59	<b>Магнитогорск</b> (3519)55-03-13	<b>Самара</b> (846)206-03-16	<b>Уфа</b> (347)22948 -12
<b>Воронеж</b> (473)204-51-73	<b>Москва</b> (495)268-04-70	<b>Санкт-Петербург</b> (812)309-46-40	<b>Хабаровск</b> (4212)92-98-04
<b>Екатеринбург</b> (343)384-55-89	<b>Мурманск</b> (8152)59-64-93	<b>Саратов</b> (845)249-38-78	<b>Челябинск</b> (351)202-03-61
<b>Иваново</b> (4932)77-34-06	<b>Набережные Челны</b> (8552)20-53-41	<b>Севастополь</b> (8692)22-31-93	<b>Череповец</b> (8202)49-02-64
<b>Ижевск</b> (3412)26-03-58	<b>Нижний Новгород</b> (831)429-08-12	<b>Симферополь</b> (3652)67-13-56	<b>Ярославль</b> (4852)69-52-93
<b>Казань</b> (843)206-01-48	<b>Новокузнецк</b> (3843)20-46-81	<b>Смоленск</b> (4812)29-41-54	

Единый адрес для всех регионов: [ccr@nt-rt.ru](mailto:ccr@nt-rt.ru) || [www.cbi-electric.nt-rt.ru](http://www.cbi-electric.nt-rt.ru)