

**Description:** 12 Core Cu XLPE FRPVC, 1000 V  
12 Core Cu XLPE LHFRPVC, 1000 V

**F2CC Annn ZZ 001 0K0S**  
**F2CC Annn ZZ 002 0K0S**

**Specification:** SANS 1507

*Last updated: January 2026*

PHYSICAL	...Annn	A915	A925	A004
Conductor size	mm <sup>2</sup> nom	1,5	2,5	4
Conductor diameter	mm app	1,6	2,1	2,6
Insulation diameter	mm app	3,0	3,5	4,0
Bedding diameter	mm app	12,9	14,9	17,0
Cable diameter	mm app	16,8	18,8	20,9
Length of cable on a drum	m	500	500	500
Cable mass (approximate)	kg/m app	0,4	0,5	0,7
Gross mass on drum	kg app	208	274	380
Bending radius	mm min	134	150	167
ELECTRICAL				
DC Resistance @ 20 °C	Ω/km	12,100	7,410	4,610
AC Resistance @ 90 °C	Ω/km	15,429	9,449	5,878
Reactance X+	Ω/km	0,115	0,102	0,097
Impedance Z+	Ω/km	15,429	9,449	5,879
CURRENT RATINGS				
Ground	Amps	17	22	29
110 Ducts in ground	Amps	13	18	23
Air in Shade	Amps	15	20	27
Air in sunlight	Amps	13	18	24
SHORT CIRCUIT RATING				
Symmetrical (250 °C)	kA (1 sec)	0,15	0,25	0,40
(Three Phase) Volt Drop	mV/A/m	26,7	16,4	10,2

\* In practice the earth fault rating must be limited to symmetrical fault rating,

Note ratings assume that all conductors carry equal currents simultaneously

**The current ratings above are based on standard laying conditions for a single circuit in isolation as follows:**

Conductor temperature = 90 °C  
Soil thermal resistivity = 1,2 K·m/W  
Soil temperature = 25 °C  
Air temperature = 30 °C  
Depth of burial = 500 mm  
5% tolerance on dimensions



DISCLAIMER: CBI reserves the right to change product specifications from time to time to effect improvements and /or enhancements and accepts no liability arising from any difference between the published parameters of this data sheet and the finished product, unless by prior written agreement,

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