

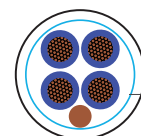
SURFIX CABLE 300/500V

Application	: Can be used for wiring in roof spaces, hollow walts, Under -plastering & surface wiring.
Standards	: SANS 1507-2 & ZS 688-2
Conductor	: Plain copper (Class 1 & 2) conductors to SANS:1411-1
Insulation	: PVC (Polyvinyl Chloride) as per SANS: 1411-2
Insulation Colour	: 2 Core: Red & Black 3 Core: Red, Yellow & Blue 4 Core: Red, Yellow, Blue & Black
Screening	: Laid up Cores screened with aluminium/mylar tape, helically applied with the metallic side down in electrical contact with annealed tinned copper earth continuity Conductor.
Sheath	: PVC (Polyvinyl Chloride) as per SANS: 1411-2
Sheath Colour	: White or Black
Voltage Rating(Uo/U)	: 300/500 Volt
Max. Permissible	: During Normal Operation - 70°C
Conductor Temperature	: During Short Circuit Condition - 160°C

PVC Insulated and PVC Sheathed Circular Surfix Cables with Bare Tinned Earth Continuity Conductors and Aluminium Laminated, Rated Voltage 300/500V

PHYSICAL PROPERTIES						
Catalouge Number	Number of Core and Nominal Cross Section Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Earth Continuity Conductor Cross Section Area	Approx. Overall Diameter	Weight of Finished Cable Approx
	No. x SQ.MM	MM	MM	SQ.MM	MM	Kg/Km
NSFAE*CYY020015ST05	2 X 1.5	0.70	0.9	1.0	8	108
NSFAE*CYY020025ST05	2 X 2.5	0.80	1.0	1.5	9	146
NSFAE*CYY020040ST05	2 X 4.0	0.80	1.1	1.5	10.2	210
NSFAE*CYY020060ST05	2 X 6.0	0.80	1.1	2.5	11.5	260
NSFAE*CYY030015ST05	3 X 1.5	0.70	0.9	1.0	8.2	112
NSFAE*CYY030025ST05	3 X 2.5	0.80	1.0	1.5	9.5	160
NSFAE*CYY030040ST05	3 X 4.0	0.80	1.1	1.5	11	213
NSFAE*CYY030060ST05	3 X 6.0	0.80	1.1	2.5	12.2	290
NSFAE*CYY040015ST05	4 X 1.5	0.70	1.0	1.0	8.9	135
NSFAE*CYY040025ST05	4 X 2.5	0.80	1.1	1.5	10.3	195
NSFAE*CYY040040ST05	4 X 4.0	0.80	1.2	1.5	12	268
NSFAE*CYY040060ST05	4 X 6.0	0.80	1.2	2.5	12.8	338

ELECTRICAL PROPERTIES				
Cable Size	Current Rating (Clipped Direct)	Maximum DC Resistance at 20°C		Minimum Insulation Resistance at 23°C
		Phase	Earth	
Sq.mm	Amps (A)	Ohm/Km		MΩ-km
1.5	17	12.1	18.20	10
2.5	23	7.41	12.2	10
4	30	4.61	12.20	10
6	38	3.08	7.56	10



Stranded Copper Conductor
PVC Insulation
Aluminium Screen
PVC Sheath
Solid Tinned Copper Earth Conductor



Notes:

N(*) Add sheath colour
Cables can be supplied in Coil/Reel/Drum with meters/yards/feet.
The above data is indicative & may be changed without prior information.