

# STEEL WIRE ARMoured FR

## 2, 3 & 4 CORE SWA CABLE

### Construction

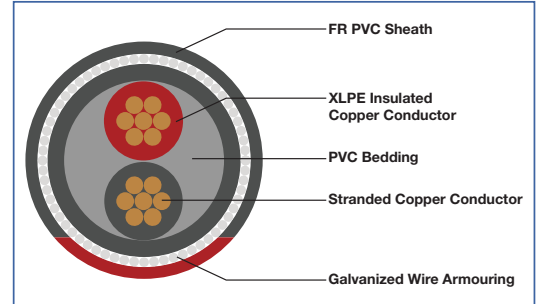
High conductivity bunched, stranded copper conductors, insulated and colour coded with XLPE. Insulated cores are twisted and filled with a PVC bedding to give the cable a round finish. It is armoured with a galvanized steel wire. Final protection is tightly bonded, with a Flame Retardant PVC.

### Applications

To supply power to all types of fixed installations. Suitable for use in ducts, racks and ladders as well as burial underground without further protection.

### Packaging

Available in 500 metre drums.  
Cut lengths also available on request.



Specification	(SANS 1507 - 4)
Voltage Rating	600/1000 Volts
Test Voltage	6000 Volts
Temperature Range	-10° to +80°C
Bending Radius	15 x Cable Diameter
Protection	Steel wire armour
Flexibility Class	2
Conductor Types	High conductivity annealed copper
Insulation Material	XLPE
Sheath Material	Flame Retardant PVC
Sheath Colour	Black with Red Stripe
Core Colours	2 core - Red, Black 3 core - Red, Yellow, Blue 4 core - Red, Yellow, Blue, Black



### Technical Data

Product Code	Size mm <sup>2</sup>	mV Drop Amps / mtr	Nominal Amps	Nominal Dia			Mass kg/100m		
				2C	3C	4C	2C	3C	4C
SWA01.5X*#	1.5	14.4	18	12.5	12.9	13.7	30	33	40
SWA02.5X*#	2.5	8.6	25	13.3	13.8	14.7	35	40	44
SWA04.0X*#	4.0	5.4	33	14.3	14.9	15.9	40	45	54
SWA06.0X*#	6.0	3.6	42	15.4	16.0	17.1	48	55	65
SWA10.0X*#	10.0	2.1	58	17.1	18.1	19.4	61	72	85
SWA16.0X*#	16.0	1.5	91	19.3	20.2	22.8	79	95	120
SWA25.0X*#	25.0	0.93	132	21.7	24.9	27.5	133	161	200
SWA35.0X*#	35.0	0.67	158	23.3	26.1	30.1	150	191	250
SWA50.0X*#	50.0	0.49	186	24.9	28.7	33.0	180	240	300
SWA70.0X*#	70.0	0.34	229	27.0	31.9	38.8	225	310	430
SWA90.0X*#	95.0	0.25	275	-	39.0	44.8	-	438	560
SWA120.0X*#	120.0	0.20	312	-	39.7	49.9	-	510	720
SWA150.0X*#	150.0	0.16	357	-	43.5	56.0	-	610	870
SWA185.0X*#	185.0	0.13	397	-	52.0	60.6	-	800	1050
SWA240.0X*#	240.0	0.10	459	-	57.9	67.9	-	995	1250

\* When ordering, insert number of cores here.

# When ordering, insert colour code here (Refer to Page 1)