

STEEL WIRE ARMoured FR

2, 3 & 4 CORE SWA CABLE

Construction

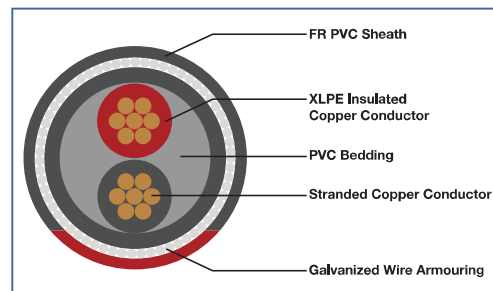
High conductivity bunched, stranded copper conductors, insulated and colour coded with XLPE. Insulated cores are twisted and filled with a PVC bedding to give the cable a round finish. It is armoured with a galvanized steel wire. Final protection is tightly bonded, with a Flame Retardant PVC.

Applications

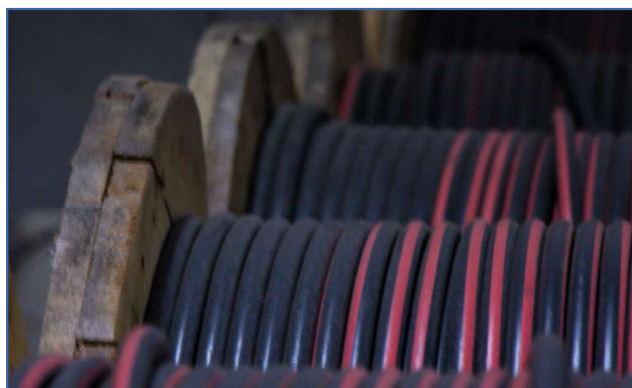
To supply power to all types of fixed installations. Suitable for use in ducts, racks and ladders as well as burial underground without further protection.

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 ²	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)