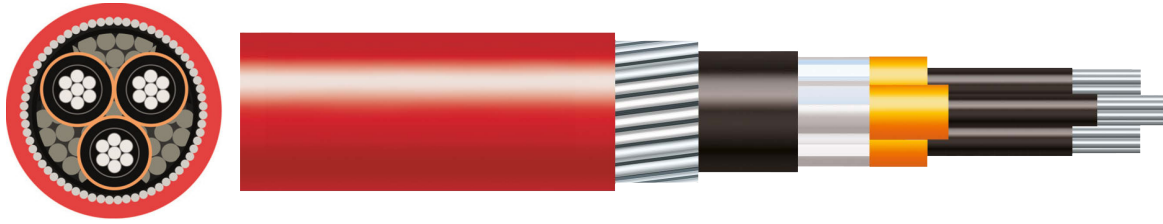


## MEDIUM VOLTAGE SWA PVC ALUMINIUM BS6622



BS6622-compliant medium voltage armoured cables, featuring stranded aluminium conductors, are ideal for outdoor use, direct burial, and cable ducting. They're designed for medium voltage power transmission in various applications.

<b>CONDUCTOR</b>	Aluminium
<b>STRANDING</b>	Class 2
<b>INSULATION</b>	XLPE
<b>METALLIC SCREEN</b>	Plain Copper Taped Screen
<b>BEDDING</b>	PVC
<b>ARMOUR</b>	Steel Wire Armour
<b>OUTERSHEATH</b>	PVC
<b>OUTERSHEATH COLOUR</b>	Red
<b>RATED VOLTAGE</b>	6.35/11kV
<b>CORE IDENTIFICATION</b>	Coloured tape, Black, Brown & Grey
<b>MINIMUM BENDING RADIUS</b>	Single core cables: 20 x overall diameter, Multi-core cables: 15 x overall diameter
<b>OPERATING TEMPERATURE</b>	90°C
<b>STANDARDS</b>	BS6622: Power cables, thermosetting polymer insulated high voltage IEC60502-2: Power cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV (Um=36kV) Flame Propagation to BS EN 60332-1-2

# SPECIFICATION DATA

BATT Part No	Number of cores	Nominal cross sectional area of conductor	Radial thickness of insulation	Nominal thickness of extruded bedding	Nominal steel armour wire diameter	Nominal thickness of oversheath	Approx overall diameter	Weight
56507	3	95						9800
56059	3	185						12250
56664	3	300						15500

BATT Part No	Continuous current rating in ground		Continuous current rating in ducts		Continuous current rating in air		Trefoil A
	Trefoil A	Flat A	Trefoil A	Flat A	Trefoil A	Flat A	
56507	230	230	200	200	250	250	
56059	335	335	290	290	385	385	
56664	435	435	375	375	510	510	

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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