



## Profibus SWA Cable

<b>BATT Part No (Black):</b>	91494
<b>BATT Part No (Blue):</b>	91495
<b>Applications:</b>	Profibus cable used in fieldbus systems
<b>Conductors:</b>	Bare copper 22awg - 1 x 0.64mm diameter
<b>Insulation:</b>	Cellular polyethylene with skin layer - 2.5mm diameter
<b>Core identification:</b>	Green & red
<b>Screen:</b>	Aluminium/polyester tape & tinned copper braid
<b>Inner sheath:</b>	Fire resistant PVC
<b>Armour:</b>	GSWA, galvanised steel wire armour (wire 0.9mm)
<b>Sheath/Jacket:</b>	LSZH
<b>Colour:</b>	Blue & black
<b>Voltage:</b>	250v max (not for power purposes)
<b>Conductor diameter:</b>	0.64mm
<b>Insulation diameter:</b>	2.5mm
<b>Nominal overall diameter:</b>	12.4mm
<b>Operating Temperature:</b>	-10°C to +70°C
<b>Conductor resistance:</b>	115ohm/km
<b>Mutual capacitance at 1kHz:</b>	29nF/km
<b>Characteristic impedance:</b>	150ohm (+/- 10%)
<b>Transfer impedance at 10MHz:</b>	8.0 megaohms/m
<b>Attenuation at 200kHz:</b>	5.0 dB/km
<b>Attenuation at 4MHz:</b>	21 dB/km
<b>Attenuation at 16MHz:</b>	40 dB/km
<b>Volt test:</b>	1 KVax/1min