



Rigid Conduit - Medium, Heavy Duty & Solar Heavy Duty

Rigid conduit available in 20mm, 25mm, 32mm, 40mm, 50mm & 63mm diameters

AVOL™ medium, heavy duty, and solar duty rigid conduits protect electrical cabling in commercial and industrial applications. Made with durable PVC-U material the rigid conduit is designed to withstand a variety of conditions.

- Protect cabling in indoor/outdoor electrical applications
- Available in 20mm, 25mm, 32mm, 40mm, 50mm & 63mm
- Conforms to the AS/NZS 2053 standard
- PVC-U material in orange (HD) or grey/white (MD) colour

Series Specifications

General		Rigid Conduit					
Nominal Size		20mm	25mm	32mm	40mm	50mm	63mm
AS/NZS Standards		AS/NZS 2053					
Material		PVC-U					
Wall Thickness	MD	1.8~2.1mm	1.8~2.1mm	2.1~2.4mm	2.4~2.7mm	2.8~3.1mm	N/A
	HD	2.3~2.6mm	2.5~2.8mm	2.7~3.0mm	3.1~3.4mm	3.4~3.9mm	3.9~4.5mm
Conduit Length		4m					
Conduit Type		Rigid					

Ordering Information

		
White Rigid Conduit - Medium Duty	Grey Rigid Conduit - Medium Duty & Solar Duty	Orange Rigid Conduit - Heavy Duty
CON120 (Ø20mm, 4m length) CON121 (Ø25mm, 4m length) CON122 (Ø32mm, 4m length)	CON100 (Ø20mm, 4m length) CON101 (Ø25mm, 4m length) CON102 (Ø32mm, 4m length) CON103 (Ø40mm, 4m length) CON104 (Ø50mm, 4m length) CON105 (Ø63mm, 4m length) CON161 (Ø25mm, 4m length) - solar duty	CON140 (Ø20mm, 4m length) CON141 (Ø25mm, 4m length) CON142 (Ø32mm, 4m length) CON143 (Ø40mm, 4m length) CON144 (Ø50mm, 4m length) CON145 (Ø63mm, 4m length)



Corrugated Conduit - Medium, Heavy Duty & Solar Heavy Duty

Corrugated conduit available in 20mm, 25mm, 32mm, 40mm, & 50mm diameters

AVOL™ medium & heavy duty corrugated conduit protects electrical cabling in commercial and industrial applications. Made with durable PVC material the corrugated conduit is designed to withstand a variety of conditions.

- Protect cabling in indoor/outdoor electrical applications
- Available in 20mm, 25mm, 32mm, 40mm and 50mm
- Conforms to the AS/NZS 2053 standard
- PVC material in orange (HD), white (MD) & grey (MD)





















Series Specifications

General	Corrugated Conduit				
	20mm	25mm	32mm	40mm	50mm
Nominal Size	20mm	25mm	32mm	40mm	50mm
Bending Radius	10 ~ 160mm				
AS/NZS Standards	AS/NZS 2053				
Material	PVC				
Conduit Length	Up to 50m (varies)				
Conduit Type	Corrugated				

Ordering Information

White Corrugated Conduit - Medium Duty	Grey Corrugated Conduit - Medium Duty & Solar Duty	Orange Corrugated Conduit - Heavy Duty
 CCN120 (Ø20mm, 50m length) CCN121 (Ø25mm, 25m length) CCN122 (Ø32mm, 25m length)	 CCN100 (Ø20mm, 50m length) CCN101 (Ø25mm, 25m length) CCN102 (Ø32mm, 25m length) CCN103 (Ø40mm, 25m length) CCN104 (Ø50mm, 25m length) CCN105 (Ø25mm, 50m length) CON151 (Ø25mm, 25m length) - solar duty	 CCN140 (Ø20mm, 25m length) CCN141 (Ø25mm, 25m length) CCN142 (Ø32mm, 25m length) CCN143 (Ø40mm, 25m length) CCN144 (Ø50mm, 25m length) CCN145 (Ø20mm, 50m length)






Conduit Accessories

				
1-way Junction Box	2-way Junction Box	2-way Junction Box (Angled)	3-way Junction Box	4-way Junction Box
CNA120 (Ø20mm) CNA124 (Ø25mm)	CNA121 (Ø20mm) CNA125 (Ø25mm)	CNA128 (Ø20mm) CNA129 (Ø25mm)	CNA122 (Ø20mm) CNA126 (Ø25mm)	CNA123 (Ø20mm) CNA127 (Ø25mm)
				
1-way Deep Junction Box	2-way Deep Junction Box	2-way Deep Junction Box (Angled)	3-way Deep Junction Box	4-way Deep Junction Box
CNA160 (Ø20mm) CNA164 (Ø25mm)	CNA161 (Ø20mm) CNA165 (Ø25mm)	CNA168 (Ø20mm) CNA169 (Ø25mm)	CNA162 (Ø20mm) CNA166 (Ø25mm)	CNA163 (Ø20mm) CNA167 (Ø25mm)
				
Grey Conduit Caps	Orange Conduit Caps	Plain Coupling	Plain to Screwed Coupling	Screw Adapter with Lock Ring
CNA180 (Ø20mm) CNA181 (Ø25mm)	CNA110 (Ø32mm) CNA111 (Ø40mm) CNA112 (Ø40mm)	CNA130 (Ø20mm) CNA131 (Ø25mm) CNA132 (Ø32mm) CNA133 (Ø40mm) CNA134 (Ø50mm)	CNA310 (Ø20mm) CNA311 (Ø25mm)	CNA140 (Ø20mm) CNA141 (Ø25mm) CNA142 (Ø32mm) CNA143 (Ø40mm) CNA144 (Ø50mm)
				
Plain Reducer	Extension Ring	Locating Flange	Male & Female Conduit Bush	Nylon Ring
CNA260 (Ø20 to Ø16mm) CNA261 (Ø25 to Ø20mm) CNA262 (Ø32 to Ø25mm) CNA263 (Ø40 to Ø32mm)	CNA170 (Ø25mm)	CNA190 (Ø20mm) CNA191 (Ø25mm)	CNA270 (Ø20mm) CNA271 (Ø25mm) CNA272 (Ø32mm) CNA273 (Ø40mm)	CNA330 (Ø20mm) CNA331 (Ø25mm) CNA332 (Ø32mm)



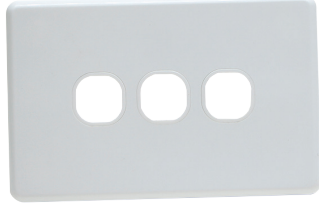
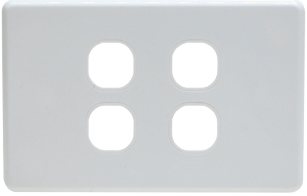
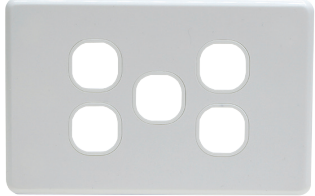
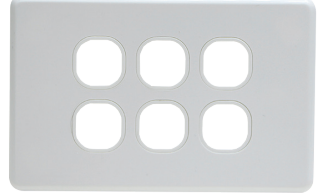





			
Grey Solid Bend	Orange HD 90° Sweep Bend	Grey HD 90° Sweep Bend	White MD 90° Sweep Bend
CNA210 (Ø20mm) CNA211 (Ø25mm) CNA212 (Ø32mm) CNA213 (Ø32mm)	CNA220 (Ø20mm) CNA221 (Ø25mm) CNA222 (Ø32mm) CNA223 (Ø40mm) CNA224 (Ø50mm) CNA225 (Ø63mm)	CNA230 (Ø20mm) CNA231 (Ø25mm) CNA232 (Ø32mm) CNA233 (Ø40mm)	CNA240 (Ø20mm) CNA241 (Ø25mm) CNA242 (Ø32mm)

				
Solid Tee	Inspection Tee	Solid Elbow	Sharp Elbow	Inspection Elbow
CNA200 (Ø20mm) CNA201 (Ø25mm)	CNA202 (Ø20mm) CNA203 (Ø25mm) CNA204 (Ø32mm)	CNA150 (Ø20mm) CNA151 (Ø25mm)	CNA152 (Ø20mm) CNA153 (Ø25mm)	CNA154 (Ø20mm) CNA155 (Ø25mm) CNA156 (Ø32mm)

				
Conduit Clips	Plastic Saddle	Plastic Saddle Spacer	Galvanised Steel Half Saddle	Stainless Steel Half Saddle
CNA280 (Ø20mm) CNA281 (Ø25mm) CNA282 (Ø32mm)	CNA290 (Ø20mm) CNA291 (Ø25mm) CNA292 (Ø32mm)	CNA293 (Ø20mm) CNA294 (Ø25mm)	CNA295 (Ø20mm) CNA296 (Ø25mm) CNA297 (Ø32mm)	CNA300 (Ø20mm) CNA301 (Ø25mm) CNA302 (Ø32mm)

Power Points & Light Switches

		
<p align="center">Grid Plate - 1 Gang</p>	<p align="center">Grid Plate - 2 Gang</p>	<p align="center">Grid Plate - 3 Gang</p>
<ul style="list-style-type: none"> • 1 gang grid plate • PC material • SAA certified 	<ul style="list-style-type: none"> • 2 gang grid plate • PC material • SAA certified 	<ul style="list-style-type: none"> • 3 gang grid plate • PC material • SAA certified
<p align="center">ESW101</p>	<p align="center">ESW102</p>	<p align="center">ESW103</p>
		
<p align="center">Grid Plate - 4 Gang</p>	<p align="center">Grid Plate - 5 Gang</p>	<p align="center">Grid Plate - 6 Gang</p>
<ul style="list-style-type: none"> • 4 gang grid plate • PC material • SAA certified 	<ul style="list-style-type: none"> • 5 gang grid plate • PC material • SAA certified 	<ul style="list-style-type: none"> • 6 gang grid plate • PC material • SAA certified
<p align="center">ESW104</p>	<p align="center">ESW105</p>	<p align="center">ESW106</p>
		
<p align="center">Blank Plate</p>	<p align="center">Light Switch 1 Gang</p>	<p align="center">Double Power Point</p>
<ul style="list-style-type: none"> • Blank grid plate • PC material • SAA certified 	<ul style="list-style-type: none"> • 1 gang light switch • 250VAC, 10A • PC & copper material • SAA certified 	<ul style="list-style-type: none"> • 2 gang power point in black or white • 250VAC, 10A • PC & copper material • SAA certified
<p align="center">ESW100</p>	<p align="center">ESW130</p>	<p align="center">ESW150 (White) ESW150B (Black)</p>

Electrical Mechanisms

<p>Switch Mechanism (10A)</p>	<p>Switch Mechanism (16A)</p>	<p>USB Charger Mechanism</p>
<ul style="list-style-type: none"> • 10A, 250VAC 	<ul style="list-style-type: none"> • 16A, 250VAC 	<ul style="list-style-type: none"> • Single USB charger • 5V, 2.1A
<p>ELM140</p>	<p>ESW102</p>	<p>ELM141</p>
<p>Double USB Charger Mechanism</p>	<p>CAT5e RJ45 Keystone Jack</p>	<p>CAT6 RJ45 Keystone Jack</p>
<ul style="list-style-type: none"> • Double USB charger • 5V, 2.1A 	<ul style="list-style-type: none"> • CAT5e • Flush mountable 	<ul style="list-style-type: none"> • CAT6 • Flush mountable
<p>ELM161</p>	<p>ELM120</p>	<p>ELM121</p>
<p>RCA Mechanism Recessed Red ID RCA Mechanism Recessed yellow ID</p>	<p>F to F Type Satellite Mechanism</p>	<p>TV Mechanism</p>
<ul style="list-style-type: none"> • Recessed face • Red ID ring 	<ul style="list-style-type: none"> • Type F connector • Flush mountable 	<ul style="list-style-type: none"> • BNC • Flush mountable
<p>ELM100 ELM100-Y</p>	<p>ELM101</p>	<p>ELM102</p>

Electrical Accessories

		
<p align="center">C Clip Mounting Bracket</p>	<p align="center">Single Screw Connectors - 100pc</p>	<p align="center">Double Screw Connectors - 25pc</p>
<ul style="list-style-type: none"> • Metal C clip mounting bracket • Galvanized steel construction • 0.8mm thickness 	<ul style="list-style-type: none"> • Insulated single screw connector • Fire retardant • Holds 2 x 6mm² cable • Includes 100 pieces per jar 	<ul style="list-style-type: none"> • Insulated double screw connector • Fire retardant • Holds 2 x 6mm² cable • Includes 25 pieces per jar
<p align="center">ELA100</p>	<p align="center">ELA110</p>	<p align="center">ELA111</p>
		
<p align="center">Fixed 3 Terminal Junction Box</p>	<p align="center">Fixed 4 Terminal Junction Box</p>	<p align="center">Small Junction Box</p>
<ul style="list-style-type: none"> • 32A, 500V • PC & copper construction • 67mm x 45mm x 22mm • Supplied with screw connectors 	<ul style="list-style-type: none"> • 32A, 500V • PC & copper construction • 67mm x 45mm x 22mm • Supplied with screw connectors 	<ul style="list-style-type: none"> • 40A, 500V • PC & copper construction • 71mm x 71mm x 47mm • Supplied with screw connectors
<p align="center">ELA120</p>	<p align="center">ELA121</p>	<p align="center">ELA122</p>
		
<p align="center">Large Junction Box</p>	<p align="center">Surface Quick Connector</p>	<p align="center">Single Surface Plug Base</p>
<ul style="list-style-type: none"> • 40A, 500V • PC & copper construction • 100mm x 68mm x 48mm • Supplied with screw connectors 	<ul style="list-style-type: none"> • 250VAC max. voltage, 10A max. amp • Depth of contact: 9.3 ~ 12.6mm • Plugging Endurance: 20 ~ 50N • Certification: SAA 	<ul style="list-style-type: none"> • 250VAC max. voltage, 10A max. amp • Depth of contact: 9.3 ~ 12.6mm • Plugging Endurance: 20 ~ 50N • Certification: SAA
<p align="center">ELA123</p>	<p align="center">ELA130</p>	<p align="center">ELA131</p>