

# Electrical Cable Duct

Iplex Pipelines offers a range of high quality, durable electrical cable duct systems manufactured in New Zealand for use in Trenched or Trenchless underground applications for identification and protection of contained underground electrical cables.

## Product Summary

Our product summary provides an at a glance snapshot of the key features of our Electrical Cable Duct range. Ordering information can be found overleaf. For more detailed information please contact Iplex Pipelines.



**PVC Rigid Cable Duct**



**Coiled PE Cable Duct**

<b>Suitable For</b>	Trenched Applications	Trenched or Trenchless Applications
<b>Colours Available</b>	● Orange	● Orange
<b>Material</b>	PVC-U	PE 80
<b>Nominal Diameter</b>	32 - 150mm	32 - 125mm
<b>Length</b>	6m	50 - 200m
<b>Classification</b>	Light Duty to Heavy Duty	SDR 17
<b>UV Resistant*</b>	No*	No*
<b>AS/NZS Standard</b>	1260, 2053	4130
<b>Best Environmental Practice Certified</b>	Yes	Yes
<b>Joint Type</b>	Spigot/Socket SCJ	Plasson mechanical fittings Electrofusion

\*If used unprotected from the sun above ground UV/weathering resistance of the orange duct will be limited colour fading with some loss of impact strength will occur over time.

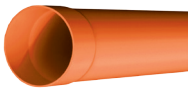
**NB:** PVC, DN 80, 100 and 150mm ducts colored orange are manufactured in accordance with AS/NZS 2053.2:2001.

PVC, DN 32, 40 and 50 ducts colored orange are manufactured to the OD and wall thickness dimensions of AS / NZS 1260.

PE coiled ducts conform dimensionally to AS/NZS 4130, SDR17 using PE 80 materials.

# Product Range

## PVC Electrical Cable Duct

	Nominal Diameter (mm)	Order Code	*Classification	Colour	# Joint Type	Outside Diameter (mm)	Wall Thickness (mm)
	32mm	2700.32.6 SOE	N.A.	● Orange	Spigot/Socket SCJ	36.2 – 36.4	2.1 – 2.4
	40mm	2700.40.6 SOE	N.A.	● Orange	Spigot/Socket SCJ	42.9 – 43.1	2.0 – 2.6
	50mm	2700.50.6 SOE	N.A.	● Orange	Spigot/Socket SCJ	55.8 – 56.0	2.2 – 2.6
	80mm	2700.80LD.6 SOE	Light Duty	● Orange	Spigot/Socket SCJ	82.3 – 82.7	2.2 – 2.6
	100mm	2700.100LD.6 SOE	Light Duty	● Orange	Spigot/Socket SCJ	110.0 – 110.4	2.9 – 3.4
	150mm	2700.150LD.6 SOE	Light Duty	● Orange	Spigot/Socket SCJ	160.0 – 160.5	4.2 – 4.8
	100mm	2700.100HD.6 SOE	Heavy Duty (SN40)	● Orange	Spigot/Socket SCJ	110.0 – 110.4	5.7 – 6.5
	150mm	2700.150HD.6 SOE	Heavy Duty (SN40)	● Orange	Spigot/Socket SCJ	160.0 – 160.5	8.3 – 9.3


\*Classification: as depicted in AS/NZS 2053 #SCJ = Solvent Cement Joint

## PVC Electrical Cable Duct Bends

	Order Code	Colour	Size (mm)	Pack Qty
	2703.50.45	● Orange	50 x 45°	1
	2703.50.90	● Orange	50 x 90°	1
	2703.80.45	● Orange	80 x 45°	1
	2703.80.90	● Orange	80 x 90°	1
	2703.100.45R250	● Orange	100 x 45° ROC* 250mm	1
	2703.100.90R250	● Orange	100 x 90° ROC* 250mm	1
	2703.100.90R900	● Orange	100 x 90° ROC* 900mm	1

\*ROC = Radius of Curvature

## Coiled PE Electrical Cable Duct

	OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Outside Diameter (mm)	Wall Thickness (mm)
	32	Cable Duct or 32/28.200	● Orange	200m	17	32.0 – 32.3	1.9 – 2.2
	32	Cable Duct or 32/28.500	● Orange	500m	17	32.0 – 32.3	1.9 – 2.2
	63	Cable Duct or 63/55.100	● Orange	100m	17	63.0 – 63.6	3.8 – 4.3
	63	Cable Duct or 63/55.150	● Orange	150m	17	63.0 – 63.6	3.8 – 4.3
	90	Cable Duct or 90/79.50	● Orange	50m	17	90.0 – 90.0	5.4 – 6.1
	90	Cable Duct or 90/79.100	● Orange	100m	17	90.0 – 90.0	5.4 – 6.1
	110	Cable Duct or 110/97.50	● Orange	50m	17	110.0 – 111.0	6.6 – 7.4
	110	Cable Duct or 110/97.100	● Orange	100m	17	110.0 – 111.0	6.6 – 7.4
	125	Cable Duct or 125/110.100	● Orange	100m	17	125.0 – 126.0	7.4 – 8.3