



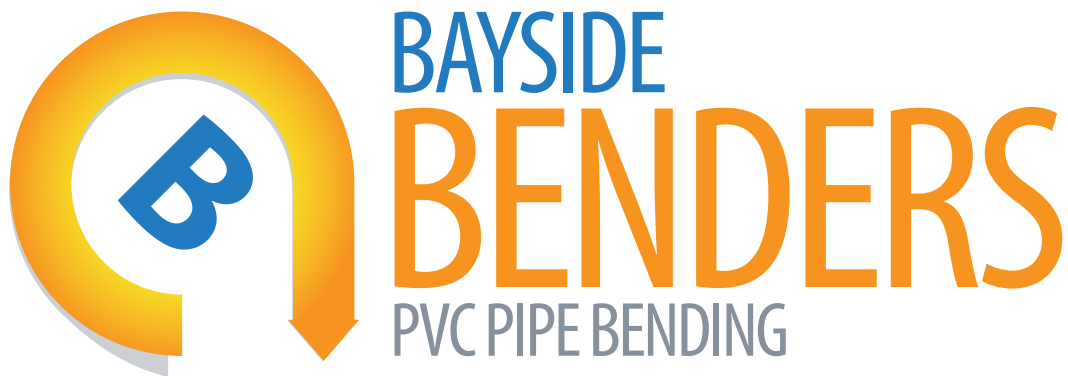
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## CONTENTS

Heavy Duty Orange Bends	2
Austel/Communication White Bends	5
Couplings	7
Reducing Couplings	8
End Caps	9
Slip Couplings / Slip Collars / Repair Sleeves	10
Bell Mouth Couplings	11
Pit Bushes	12
Grey Electrical Products	12
Custom Large Radius Bends	13
Specialised Custom Products	13
Telstra Product Range	14
NBN Product Range	16
Sewer Maintenance Shaft Bends	18
Other Services	18

## Heavy Duty Orange Bends

All orange electrical bends are manufactured using heavy duty solid wall conduit to Australian standards AS/NZ 2053.1 and .2. Note: The radius is usually the critical measurement – the end to end length gives a guide to the overall measurement.

### 90° Bends

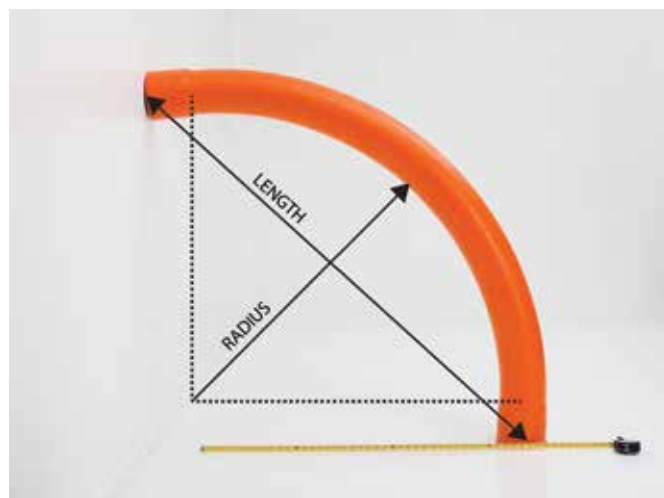
Part No.	Description	Radius	Length
BOS20/90	20mm 90° Heavy Duty Orange Sweep Bend	100mm	180mm
BOS25/90	25mm 90° Heavy Duty Orange Sweep Bend	140mm	260mm
BOS32/90	32mm 90° Heavy Duty Orange Sweep Bend	180mm	320mm
BOS40/90	40mm 90° Heavy Duty Orange Sweep Bend	260mm	430mm
BOS50/90	50mm 90° Heavy Duty Orange Sweep Bend	280mm	500mm
BOS63/90	63mm 90° Heavy Duty Orange Sweep Bend	280mm	500mm
BOS80/90	80mm 90° Heavy Duty Orange Sweep Bend	380mm	720mm
BOS100/90	100mm 90° Heavy Duty Orange Sweep Bend	450mm	840mm
BOS125/90	125mm 90° Heavy Duty Orange Sweep Bend	500mm	1000mm
BOS150/90	150mm 90° Heavy Duty Orange Sweep Bend	640mm	1170mm
BOS200/90	200mm 90° Heavy Duty Orange Sweep Bend*	2000mm	2700mm

\* comes as two 45° pieces.

### Measuring the Bend Radius

For large bends place against a wall and measure as shown in the picture below – the radius is measured from the middle of the conduit and does not include the socket.

For smaller bends, place on the corner of a table with the sockets hanging over the edges. Measure from the middle of the conduit to the edge of the table.



# Heavy Duty Orange Bends

## 45° Bends

Part No.	Description	Radius	Length
BOS20/45	20mm 45° Heavy Duty Orange Sweep Bend	100mm	115mm
BOS25/45	25mm 45° Heavy Duty Orange Sweep Bend	140mm	150mm
BOS32/45	32mm 45° Heavy Duty Orange Sweep Bend	180mm	190mm
BOS40/45	40mm 45° Heavy Duty Orange Sweep Bend	260mm	270mm
BOS50/45	50mm 45° Heavy Duty Orange Sweep Bend	280mm	310mm
BOS63/45	63mm 45° Heavy Duty Orange Sweep Bend	280mm	310mm
BOS80/45	80mm 45° Heavy Duty Orange Sweep Bend	380mm	470mm
BOS100/45	100mm 45° Heavy Duty Orange Sweep Bend	500mm	600mm
BOS125/45	125mm 45° Heavy Duty Orange Sweep Bend	500mm	670mm
BOS150/45	150mm 45° Heavy Duty Orange Sweep Bend	640mm	800mm
BOS200/45	200mm 45° Heavy Duty Orange Sweep Bend	2000mm	1550mm

Many bends now stocked in 30° as well.

## 22° Bends

Part No.	Description	Radius	Length
BOS25/22	25mm 22° Heavy Duty Orange Sweep Bend	160mm	110mm
BOS32/22	32mm 22° Heavy Duty Orange Sweep Bend	180mm	140mm
BOS40/22	40mm 22° Heavy Duty Orange Sweep Bend	260mm	200mm
BOS50/22	50mm 22° Heavy Duty Orange Sweep Bend	280mm	310mm
BOS63/22	63mm 22° Heavy Duty Orange Sweep Bend	280mm	310mm
BOS80/22	80mm 22° Heavy Duty Orange Sweep Bend	380mm	360mm
BOS100/22	100mm 22° Heavy Duty Orange Sweep Bend	500mm	440mm
BOS125/22	125mm 22° Heavy Duty Orange Sweep Bend	500mm	510mm
BOS150/22	150mm 22° Heavy Duty Orange Sweep Bend	640mm	560mm
BOS200/22	200mm 22° Heavy Duty Orange Sweep Bend	2000mm	1050mm

# Heavy Duty Orange Bends

## 15° Bends

Part No.	Description	Radius	Length
BOS25/15	25mm 15° Heavy Duty Orange Sweep Bend	140mm	100mm
BOS32/15	32mm 15° Heavy Duty Orange Sweep Bend	180mm	110mm
BOS40/15	40mm 15° Heavy Duty Orange Sweep Bend	260mm	160mm
BOS50/15	50mm 15° Heavy Duty Orange Sweep Bend	280mm	170mm
BOS63/15	63mm 15° Heavy Duty Orange Sweep Bend	280mm	250mm
BOS80/15	80mm 15° Heavy Duty Orange Sweep Bend	380mm	315mm
BOS100/15	100mm 15° Heavy Duty Orange Sweep Bend	500mm	385mm
BOS125/15	125mm 15° Heavy Duty Orange Sweep Bend	500mm	450mm
BOS150/15	150mm 15° Heavy Duty Orange Sweep Bend	640mm	590mm
BOS200/15	200mm 15° Heavy Duty Orange Sweep Bend	2000mm	980mm

Many bends now stocked in 11° as well.

Bayside Benders can also manufacture bends to order at most radius or angles, eg. 5°, 30°, 60°, etc.



# Austel/Communication White Bends

All Austel/Communication bends are manufactured using Austel approved conduit to Australian standards AS/NZ 2053.1 and .2. Note: The radius is usually the critical measurement – the end to end length gives a guide to the overall measurement.

## 90° Bends

Part No.	Description	Radius	Length
BCS20/90	20mm 90° Austel/Communication White Sweep Bend	100mm	180mm
BCS25/90	25mm 90° Austel/Communication White Sweep Bend	140mm	260mm
BCS32/90	32mm 90° Austel/Communication White Sweep Bend	180mm	320mm
BCS50/90	50mm 90° Austel/Communication White Sweep Bend	280mm	500mm
BCS80/90	80mm 90° Austel/Communication White Sweep Bend	380mm	720mm
BCS100/90	100mm 90° Austel/Communication White Sweep Bend	500mm	840mm
BCS150/90	150mm 90° Austel/Communication White Sweep Bend	640mm	1170mm
BCS200/90	200mm 90° Austel/Communication White Sweep Bend*	2000mm	2700mm

\* comes as two 45° pieces.



## 45° Bends

Part No.	Description	Radius	Length
BCS20/45	20mm 45° Austel/Communication White Sweep Bend	100mm	115mm
BCS25/45	25mm 45° Austel/Communication White Sweep Bend	140mm	150mm
BCS32/45	32mm 45° Austel/Communication White Sweep Bend	180mm	190mm
BCS50/45	50mm 45° Austel/Communication White Sweep Bend	280mm	310mm
BCS80/45	80mm 45° Austel/Communication White Sweep Bend	380mm	470mm
BCS100/45	100mm 45° Austel/Communication White Sweep Bend	500mm	600mm
BCS150/45	150mm 45° Austel/Communication White Sweep Bend	640mm	800mm
BCS200/45	200mm 45° Austel/Communication White Sweep Bend	2000mm	1550mm

## Austel/Communication White Bends

### 22° Bends

Part No.	Description	Radius	Length
BCS20/22	20mm 22° Austel/Communication White Sweep Bend	160mm	110mm
BCS25/22	25mm 22° Austel/Communication White Sweep Bend	180mm	140mm
BCS32/22	32mm 22° Austel/Communication White Sweep Bend	260mm	200mm
BCS50/22	50mm 22° Austel/Communication White Sweep Bend	280mm	310mm
BCS100/22	100mm 22° Austel/Communication White Sweep Bend	500mm	440mm
BCS150/22	150mm 22° Austel/Communication White Sweep Bend	640mm	560mm
BCS200/22	200mm 22° Austel/Communication White Sweep Bend	2000mm	980mm

Bayside Benders can also manufacture bends to order at most radius or angles. Eg. 10°, 30°, 60°, etc.



## Orange Couplings

BOC20	20mm Orange Coupling
BOC25	25mm Orange Coupling
BOC32	32mm Orange Coupling
BOC40	40mm Orange Coupling
BOC50	50mm Orange Coupling
BOC63	63mm Orange Coupling
BOC80	80mm Orange Coupling
BOC100	100mm Orange Coupling
BOC125	125mm Orange Coupling
BOC150	150mm Orange Coupling
BOC200	200mm Orange Coupling



## Comms/Austel Couplings

BCC20	20mm White Coupling
BCC25	25mm White Coupling
BCC32	32mm White Coupling
BCC50	50mm White Coupling
BCC80	80mm White Coupling
BCC100	100mm White Coupling
BCC150	150mm White Coupling
BCC200	200mm White Coupling



## Grey Couplings

BGC20	20mm Grey Coupling
BGC25	25mm Grey Coupling
BGC32	32mm Grey Coupling
BGC40	40mm Grey Coupling
BGC50	50mm Grey Coupling



## Reducing Couplings

Some common reducers we stock are as follows:

### Orange Heavy Duty Reducing Couplings

BOR63-50	63mm to 50mm Reducer
BOR63PE-PE	63PEmm to 63PEmm Reducer
BOR80-63	80mm to 63mm Reducer
BOR80-50	80mm to 50mm Reducer
BOR100-63	100mm to 63mm Reducer
BOR100-80	100mm to 80mm Reducer
BOR100-PE	100mm to 110PEmm Reducer
BOR125100	125mm to 100mm Reducer
BOR125PE-100	125mmPE to 100mm Reducer
BOR125PE-PE	125mmPE to 125mmPE Reducer
BOR140PE-125	140mmPE to 125mm Reducer
BOR150-125	150mm to 125mm Reducer
BOR150-100	150mm to 100mm Reducer
BOR150-140PE	150mm to 140mm PE Reducer
BOR150-180PE	150mm to 180PEmm Reducer



Reducers can be custom manufactured  
to most sizes.

### Comms/Austel Reducing Couplings

BCR100-50	100mm to 50mm Reducer
BCR100-80	100mm to 80mm Reducer
BCR100-PE	100mm to 110PEmm Reducer
BCR100PE-PE	100mmPE to 100mmPE Reducer
BCR50-63PE	50mm to 63mmPE Reducer
BCR63PE-PE	63mmPE to 63mmPE Reducer
BCR80-50	80mm to 50mm Reducer

# End Caps

## Orange End Caps

BOEC32	32mm Orange End Cap
BOEC40	40mm Orange End Cap
BOEC50	50mm Orange End Cap
BOEC63	63mm Orange End Cap
BOEC80	80mm Orange End Cap
BOEC100	100mm Orange End Cap
BOEC125	125mm Orange End Cap
BOEC150	150mm Orange End Cap
BOEC200	200mm Orange End Cap



## Comms/Austel End Caps

BCEC32	32mm White End Cap
BCEC50	50mm White End Cap
BCEC80	80mm White End Cap
BCEC100	100mm White End Cap
BCEC150	150mm White End Cap
BCEC200	200mm White End Cap



## Slip Couplings / Slip Collars / Repair Sleeves

Slip couplings (also known as slip collars or repair sleeves) slide smoothly over the conduit. They can be used to join conduit or repair small cracks in the middle of a length of conduit.

Orange Slip Couplings / Collars		Length
BOCS32	32mm Orange Slip Collar	110mm
BOCS50	50mm Orange Slip Collar	118mm
BOCS63	63mm Orange Slip Collar	145mm
BOCS80	80mm Orange Slip Collar	250mm
BOCS100	100mm Orange Slip Collar	250mm
BOCS125	125mm Orange Slip Collar	250mm
BOCS150	150mm Orange Slip Collar	250mm
BOCS180PE	180PEmm poly slip coupling	285mm
BOCS200	200mm Orange Slip Collar	285mm



Comms/Austel Slip Couplings		Length
BCCS50	50mm White Slip Collar	250mm
BCCS80	80mm White Slip Collar	250mm
BCCS100	100mm White Slip Collar	250mm
BCCS150	150mm White Slip Collar	250mm
BCCS200	200mm White Slip Collar	285mm



## Bell Mouth Couplings

Bell mouths are used to protect cable when it is pulled through conduit - it creates a smooth edge that prevents cable stripping. They are generally used in concrete pits. Pit bushes are generally used in plastic pits (see pit bush examples on following page).

The bell mouths come as standard with a coupling end so the conduit can slide inside it. They can also be manufactured with a spigot (straight) end if required – please specify when ordering.

The overall length of the bell mouth can be increased if required – please discuss with the sales department if a non-standard length is required.

Orange Bell Mouth Couplings		Length
BOBM25	25mm Orange Bell Mouth	48mm
BOBM32	32mm Orange Bell Mouth	48mm
BOBM40	40mm Orange Bell Mouth	60mm
BOBM50	50mm Orange Bell Mouth	72mm
BOBM63	63mm Orange Bell Mouth	87mm
BOBM80	80mm Orange Bell Mouth	115mm
BOBM100	100mm Orange Bell Mouth	145mm
BOBM125	125mm Orange Bell Mouth	195mm
BOBM150	150mm Orange Bell Mouth	200mm
BOBM200	200mm Orange Bell Mouth	230mm



Comm/Austel Bell Mouth Coupling		Length
BCBM25	25mm White Bell Mouth	45mm
BCBM32	32mm White Bell Mouth	48mm
BCBM50	50mm White Bell Mouth	72mm
BCBM80	80mm White Bell Mouth	115mm
BCBM100	100mm White Bell Mouth	145mm
BCBM110PE	110PEmm White Bell Mouth	165mm
BCBM150	150mm White Bell Mouth	200mm
BCBM200	200mm White Bell Mouth	230mm



## Pit Bushes

Pit bushes are used to protect cable when it is pulled through conduit - it creates a smooth edge that prevents cable stripping. They are generally used in plastic pits. Bell mouths are generally used in concrete pits (see bell mouth examples on previous page).

The pit bush is injection moulded and is a fixed overall length. If you require a custom made bush please refer to the bell mouth product range on the previous page.

Orange Pit Bush		Length
BOPB32	32mm Orange Pit Bush	30mm
BOPB50	50mm Orange Pit Bush	50mm
BOPB100	100mm Orange Pit Bush	70mm



Comm/Austel Pit Bush		Length
BCPB32	32mm White Pit Bush	30mm
BCPB50	50mm White Pit Bush	50mm
BCPB100	100mm White Pit Bush	70mm



## Grey Electrical Products

### 90° Bends

Part No.	Description	Radius
BGE20/90	20mm 90° Grey Elbow	40mm
BGE25/90	25mm 90° Grey Elbow	40mm
BGB20/90	20mm 90° Grey Bend	60mm
BGB25/90	25mm 90° Grey Bend	60mm
BGB32/90	32mm 90° Grey Bend	70mm



### Grey Plain to Screwed Adaptors – with a lock ring

Part No.	Description
BGPS20	20mm Grey plain to screwed adaptor
BGPS25	25mm Grey plain to screwed adaptor
BGPS32	32mm Grey plain to screwed adaptor



## Custom Large Radius Bends

Bayside Benders specialises in extra large radius sweep bends. Some projects we have worked involved 10, 20 and 30 metre radius.



We can manufacture bends at ANY angle or radius with minimal lead time required. Please contact our sales department for any customised product you require.

Pictured below: ETS EA8061 – 40mm service pillars for the South Australian market (ETSA).



## Telstra Product Range

### 90° Bends

Part No.	Description	Radius	Telstra Code
BTS20/90-100	20mm 90° Telstra White Sweep Bend	100mm	73/281
BTS20/90-305	20mm 90° Telstra White Sweep Bend	305mm	73/271
BTS35/90-305	35mm 90° Telstra White Sweep Bend	305mm	-
BTS50/90-305	50mm 90° Telstra White Sweep Bend	305mm	73/276
BTS50/90-800	50mm 90° Telstra White Sweep Bend	800mm	73/110
BTS100/90-356	100mm 90° Telstra White Sweep Bend	356mm	73/286
BTS100/90-584	100mm 90° Telstra White Sweep Bend	584mm	73/302
BTS100/90-800	100mm 90° Telstra White Sweep Bend	800mm	73/109

### 45° Bends

Part No.	Description	Radius	Telstra Code
BTS20/45-100	20mm 45° Telstra White Sweep Bend	100mm	-
BTS50/45-305	50mm 45° Telstra White Sweep Bend	305mm	73/119
BTS100/45-584	100mm 22° Telstra White Sweep Bend	584mm	73/121
BTS100/45-800	100mm 22° Telstra White Sweep Bend	800mm	-

### 22° Bends

Part No.	Description	Radius
BTS50/22-305	50mm 22° Telstra White Sweep Bend	305mm
BTS100/22-584	100mm 22° Telstra White Sweep Bend	584mm
BTS100/22-5000	100mm 22° Telstra White Sweep Bend	5000mm

### End Caps / Bushes /Couplings

Part No.	Description	Telstra Code
BTP-ID	ID Tag	97/104
BTP-20EC	20mm End Cap	73/58
BTP-50EC	50mm End Cap	73/60
BTP-100EC	100mm End Cap	-
BTP-20B	20mm Pit Bush	73/100
BTP-35B	35mm Pit Bush	73/69
BTP-50B	50mm Pit Bush	73/70
BTP-100B	100mm Pit Bush	73/102
BTP-20C	20mm Coupling	73/37
BTP-35C	35mm Coupling	73/38
BTP-50C	50mm Coupling	73/48
BTP-100C	100mm Coupling	73/241
BTP-100CS	100mm Slip Coupling	-
BTP-100CPE	100mm PVC to PE	73/185





## NBN Product Range

### 90° Bends

Part No.	Description	Radius
BNBN520/90-300	20mm 90° White Sweep Bend	300mm
BNBN50/90-300	50mm 90° White Sweep Bend	300mm
BNBN50/90-600	50mm 90° White Sweep Bend	600mm
BNBN50/90-800	50mm 90° White Sweep Bend	800mm
BNBN100/90-600	100mm 90° White Sweep Bend	600mm
BNBN100/90-800	100mm 90° White Sweep Bend	800mm

### 45° Bends

Part No.	Description	Radius
BNBN20/45-300	20mm 45° White Sweep Bend	300mm
BNBN50/45-300	50mm 45° White Sweep Bend	300mm
BNBN50/45-600	50mm 45° White Sweep Bend	600mm
BNBN50/45-800	50mm 45° White Sweep Bend	800mm
BNBN100/45-600	100mm 45° White Sweep Bend	600mm
BNBN100/45-800	100mm 45° White Sweep Bend	800mm

### 22° Bends

Part No.	Description	Radius
BNBN20/22-300	20mm 22° White Sweep Bend	300mm
BNBN50/22-300	50mm 22° White Sweep Bend	300mm
BNBN50/22-600	50mm 22° White Sweep Bend	600mm
BNBN50/22-800	50mm 22° White Sweep Bend	800mm
BNBN100/22-600	100mm 22° White Sweep Bend	600mm
BNBN100/22-800	100mm 22° White Sweep Bend	800mm
BNBN100/22-5000	100mm 22° White Sweep Bend	5000mm

Please note we can manufacture bends at ANY angle or radius with minimal lead time required. For a number of NBN projects we have undertaken 5000mm and 6000mm radius bends.

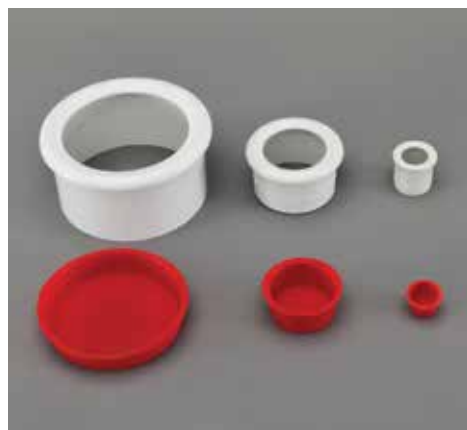
## NBN Product Range

### Couplings

Part No.	Description
BNBNC-20	20mm coupling
BNBNC-50	50mm coupling
BNBNC-100	100mm coupling

### Slip Couplings

Part No.	Description
BNBNCS-20	20mm Slip Coupling
BNBNCS-50	50mm Slip Coupling
BNBNCS-100	100mm Slip Coupling



### Reducers PVC to PE

Part No.	Description
BNR50-63PE	50mm PVC to 63PE
BNR100-110PE	100mm PVC to 110PE

### Pit Bush

Part No.	Description
BNBN-20B	20mm Pit Bush
BNBN-50B	50mm Pit Bush
BNBN-100B	100mm Pit Bush

### End Caps

Part No.	Description
BNBNEC-20	20mm End Cap
BNBNEC-50	50mm End Cap
BNBNEC-100	100mm End Cap



### Dust Caps

Part No.	Description
BNBNDC-20	20mm Dust Cap
BNBNDC-50	50mm Dust Cap
BNBNDC-100	100mm Dust Cap

## Sewer Maintenance Shaft Bends

Part No.	Description	Radius
BSS150/5	150mm 5°Sewer Sweep Bend	1000mm
BSS150/10	150mm 10°Sewer Sweep Bend	1000mm
BSS150/15	150mm 15°Sewer Sweep Bend	1000mm
BSS150/30	150mm 30°Sewer Sweep Bend	1000mm
BSS150/45	150mm 45°Sewer Sweep Bend	1000mm



## Other Services

Bayside Benders can offer many other custom services, including:

- Bend only services
- Design and Project Review of civil drawings
- Site visits for complex installations to assist in designing bends

We offer fast turnaround of all orders, often same day and have no minimum order quantity. Call us to talk through your needs.



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