

## Double Clamps



All two piece double clamps are designed to precisely fit the cable diameter. These GCA Ltd double clamps are manufactured in high grade polypropylene and UV stabilised to prevent degradation or breaking. For 'flame retardant' clamps to UL94V-0 (0.8mm) LSF Halogen and Phosphorous free material state '2P-DW007.5mm - FR'.

Part Number	Cable Size	Colour	A	B	C	D	Weight	Pack Qty	Box Qty
2P-DW007.5mm	2 x 7.5mm	Black	7.5	44	24	60	0.02	25	600
2P-DW0085	2 x 8.5mm	Black	8.5	44	24	60	0.02	25	600
2P-DW0-11mm	2 x 11mm	Black	11	44	24	60	0.03	25	600
2P-DW1-13mm	2 x 13mm	Black	13	44	27	70	0.04	25	500
2P-DW2-1/2"	2 x 1/2"	Black	16	44	27	74	0.04	20	500
2P-DW4-5/8"	2 x 5/8"	Black	21	44	33	76	0.05	20	400
2P-DW5-7/8"	2 x 7/8"	Black	28	44	42	83	0.05	20	320
2P-DW7-1 1/4"	2 x 1-1/4"	Black	40	44	60	114	0.10	10	140
2P-DW8-1 5/8"	2 x 1-5/8"	Black	50	44	70	136	0.14	10	100

\* M8 fixings can be used with appropriate M8 washers.

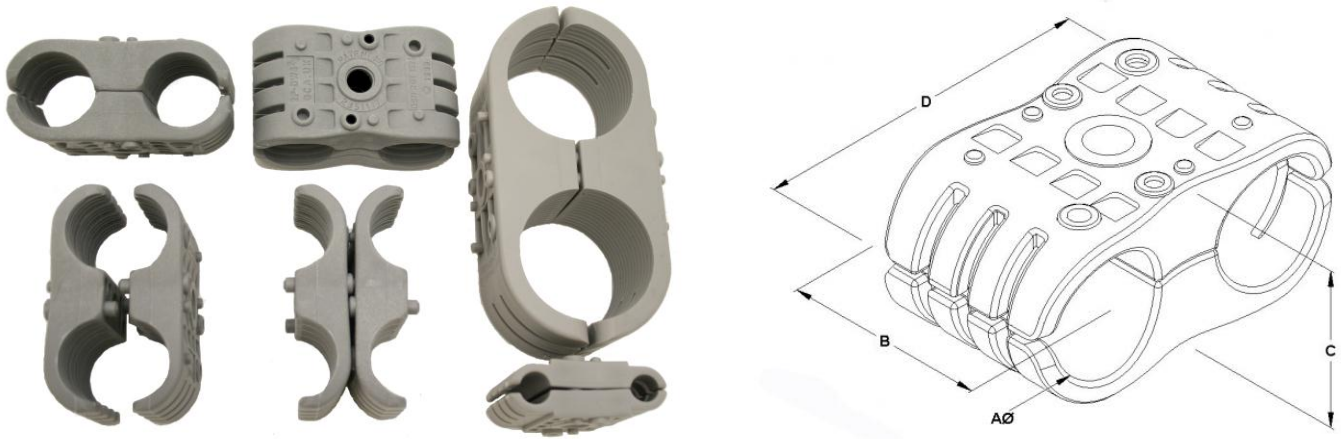
\* N.B. Flexibility of clamps allow tolerance of plus (+) 1mm, and minus (-) 0.2mm.

\*Material: Polypropylene

\*Temperature Range - -40°C to +85°C (-40°F to +185°F)



## Signal Grey Double Clamps



Further to the standard range of black double clamps, GCA Ltd has also produced 'Signal Grey' coloured clamps to Vodafone specification RAL7004. All two piece double clamps are designed to precisely fit the cable diameter. These GCA Ltd double clamps are manufactured in high grade polypropylene and UV stabilised to prevent degradation or breaking.

Part Number	Cable Size	Colour	A	B	C	D	Weight	Pack Qty	Box Qty
2P-DSGW0-11mm	2 x 11mm	Grey	11	44	24	60	0.03	25	600
2P-DSGW1-13mm	2 x 13mm	Grey	13	44	27	70	0.04	25	500
2P-DSGW2-1/2"	2 x 1/2"	Grey	16	44	27	74	0.04	20	500
2P-DSGW5-7/8"	2 x 7/8"	Grey	28	44	42	83	0.05	20	320
2P-DSGW7-1 1/4"	2 x 1-1/4"	Grey	40	44	60	114	0.10	10	140
2P-DSGW8-1 5/8"	2 x 1-5/8"	Grey	50	44	70	136	0.14	10	100

\* M8 fixings can be used with appropriate M8 washers.

\* N.B. Flexibility of clamps allow tolerance of plus (+) 1mm, and minus (-) 0.2mm.

\*Material: Polypropylene

\* Temperature Range - -40°C to +85°C (-40°F to +185°F)



## Cable Clamp Cross-Reference Chart

Single Clamp	Double Clamp	4 Way Clamp	Clamp Dia (mm)	Andrew Feeder type	RFS Feeder Type	Leoni Feeder Type	LS Cables Feeder Type	Other Cables
BW054	-	4BW054	5.4	FSJ057-50, CNT195, CNT240	-	-	-	RG223 & RG588, Cat 5e UTP, ANY CABLES 5-6mm
BW075	DW0075	-	7.5	HS1RP-50A, FSJ 1.50A, ETS1-50T, CNT 300	SCF 14-50	LC DUPLEX FIBRE OPTIC 84950504G	-	INTERCOND 48, VET CONTROL CABLES
BW085	DW0085	-	8.5	LDF1-50, HST1-50	-	1/4" R (PE)	-	RG6, RET CONTROL CABLE, 2-CORE DC POWER CABLE, SINGLE CORE COPPER EARTH CABLE
BW0	DW0	4BW0	11	LDF2-50, FSJ 2.50, ETS2-50T, HS2RP-50, HST2-50, CNT400	LCF14-50, LCF38-50, SCF 38-50	-	HSFC 10D	RG213 & RG214- 50 ohm, RG8 & RG11- 75 ohm, LMR400, BELDEN 9913, SFX-500, AS1228, H1000, XRD1567,
BW1	DW1	-	13	FSJ4.50B, HS4RP-50, HST4-50	HCA 38-50, SCF12-50	-	-	RG215 & RG217 - 50 ohm, XRD1568
BW2	DW2	-	16 (1/2")	LDF4-50, HLT4-50T, HJ4-50, HL4RP-50, CNT600	LCF12-50	1/2" R (PE)	HFC 12D, HFSC-FR 12D	LDF4.50 CABLE WITH MESSENGER WIRE, USE BW1.4-1/2" MESSENGER WIRE
BW4	DW4	-	21 (5/8")	LDF4.50-50, HJ4-50-50	LCF58-50, HCA58-50	-	-	Reka XCMK-HF DC CABLE
BW5	DW5	-	28 (7/8")	LDF5.50, AVA5-50, HJ5-50, VXL5-50	LCF78-50, HCA78-50, UCT78-50, JFN	7/8" R (PE)	HFC 22D, HFSC-FR 22D	RG220-50ohms, LDF5.50 - CABLE WITH MESSENGER WIRE USE - REF: BW2.0-7/8" MESSENGER WIRE
BW7	DW7	-	40 (1-1/4")	LDF6-50	LCF114-50, UCF114-50	1-1/4" R (PE)	HFC 33D	
BW8	DW8	-	50 (1-5/8")	LDF7-50, AVA7-50, VXL 7-50	LCF158-50, HCA158-50	1-5/8" R (PE)	HFC 42D	CR50-1873, HF158-50
BW9	-	-	57 (2-1/4")	HJ12-50, LDF12-50	LCF214-50, HCA214-50	-	-	-

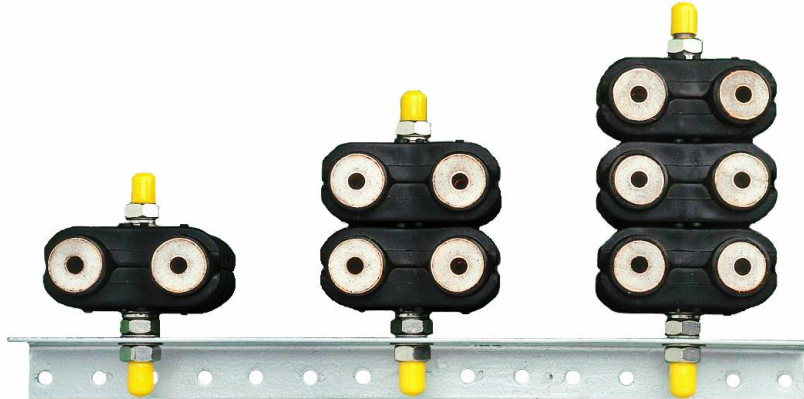
\* Cable clamp cross references are provided as a guideline and are subject to changes made by cable manufacturers.

\* Please note that all clamps are designed to interlock when installed back to back, to maximise space on busy towers.

\* All items in this publication are covered by copyright laws and GCA Ltd patent number 2351117.

## Installation Guidelines for Clamps

### Studding Lengths Required for Stacking Clamps



Length of M10 stainless steel threaded studding required for stacking: - single, two or three double or single GCA Ltd clamps, using a maximum 3 x M10 s/s Full Hexagon Nuts, 4 x M10 s/s Form 'B' Flat washers, and 2 x M10 s/s SQ Section Spring Coil Washers. N.B We have allowed additional 4mm for steel work and approx. 15mm maximum – studding protruding after tightening of clamps.

GCA Clamp Part Number	Clamp Stack Height	Studding Size mm	Clamp Stack Height	Studding Size mm	Clamp Stack Height	Studding Size mm
2P-DW0-11mm	1	M10x80	2	M10x100	3	M10x130
2P-DW1-13mm	1	M10x80	2	M10x100	3	M10x130
2P-DW2-1/2"	1	M10x80	2	M10x110	3	M10x130
2P-DW5-7/8" *	1	M10x85	2	M10x130	3	M10x180
2P-DW7-1 1/4"	1	M10x110	2	M10x170	3	M10x250
2P-DW8-1 5/8"	1	M10x130	2	M10x200	3	M10x280

\* N.B. Studding lengths for single clamps are the same for double clamps e.g BW5-7/8" triple stack height uses M10x180 which is the same for the "p-DW5-7/8"

### Swiveling Clamps at an Angle

To allow clamps to angle to transmitter place 2 qty – M10 flat washers on studding 'between' back to back of clamps to eliminate interlocking. Swivel clamps to required angle (cable position). Finally tighten M10 hexagonal nut.

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