

Fitting guide

DML26WB



digital

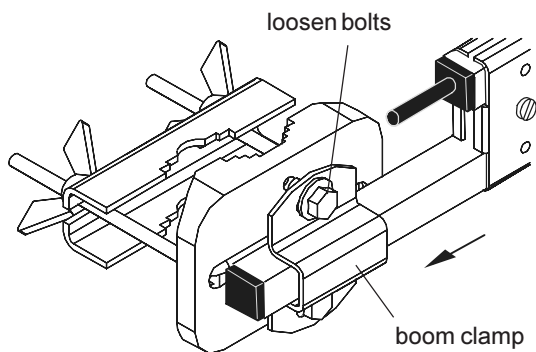


Kit Contents

1 - Aerial & 1 - Mast clamp

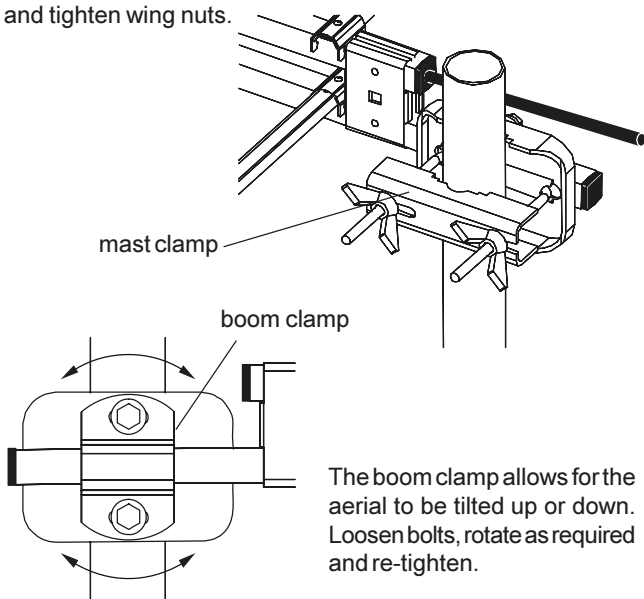
1. Fit mast clamp to aerial boom:

Loosen bolts in boom clamp but do not remove. Slide lower aerial boom into clamp as shown (horizontal polarisation) or rotate through 90° for vertical polarisation. Re-tighten bolts.



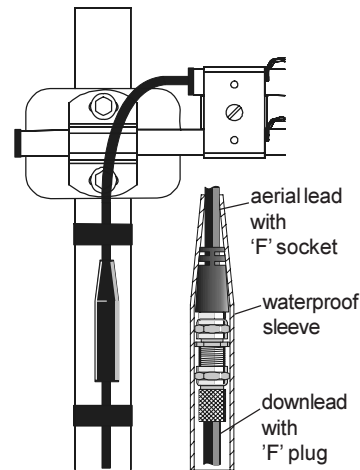
2. Fit aerial to a mast:

Slide mast clamp over a suitable mast (1¼" - 1½" 32-36 mm) and tighten wing nuts.



3. Coaxial cable connection:

The downlead will need to be fitted with a Type 'F' plug. Offer this up to the socket on the aerial lead as shown. Ensure that the inner wire of the plug enters the centre contact of the socket. Screw the nut part of the plug onto the socket body and tighten, preferably using a pair of spanners (11 mm). Do not leave the connector finger-tight as this may lead to unreliable reception. Finally slide the waterproofing sleeve as far as it will go over the connectors. If the sleeve is tight on the aerial lead a little silicone grease or petroleum jelly can be applied as a lubricant. It is important that the sleeve and completed cable assembly are supported at or near the vertical in order to prevent water ingress.



4. Testing, adjustment and reception hints

The aerial should be positioned so that it can be pointed towards the transmitter with the minimum of obstruction. It is usually best to install the aerial as high as possible, preferably outdoors. When installation work is complete check reception on all channels. (Remember that new receiving equipment may need tuning-in first.) Adjust the aerial pointing direction for best results. If you have a digital receiver (Freeview* box) make use of the signal strength & quality display facility that is usually provided. If satisfactory reception cannot be obtained on all channels of interest, try moving the aerial to a different part of the building. Sometimes small movements can make a big difference. Some areas are served by two or more transmitters and experimentation is advisable to determine which gives best results. Digital reception can be affected by electrical interference from light switches and thermostats, etc. This can be minimised by mounting the aerial outdoors away from mains wiring. The use of cable benchmarked under the CAI scheme is recommended. Any splitters and outlet plates used with this aerial should be fully-screened types for the same reason.

* 'Freeview' is a registered trade mark of DTV Services Ltd.

Product reference	Benchmark status	Gain (dB)	Directivity (DEG)	Return loss (dB)	Cross polar (dB)	Feeder pickup rejection (dB)	Approximate length (m)
DML26WB	CAI Standard 4	8.61	Max. = ± 26.5	-22.03	-42.31	-47.15	1
		Min. exceeds standard 4	Min. exceeds standard 4	Min. exceeds standard 4	Min. exceeds standard 4	Min. exceeds standard 4	

Safety

Working at height - carry out work outdoors at height only if you are competent in the use of ladders and related access equipment. Always work safely within your own limitations, ensuring that all equipment used is appropriate and is in good condition.

Further advice may be downloaded from:

www.blake-uk.com/instruction_leaflets on the following:

- reception problems
- fitting coaxial connectors
- distributing TV signals around the home
- general recommendations

Reception Advice Services

BBC Reception Advice 08700 100123

e-mail: reception@bbc.co.uk

web: www.bbc.co.uk/reception

Ofcom Engineering Information

web: www.ofcom.org.uk/static/reception_advice/index.asp