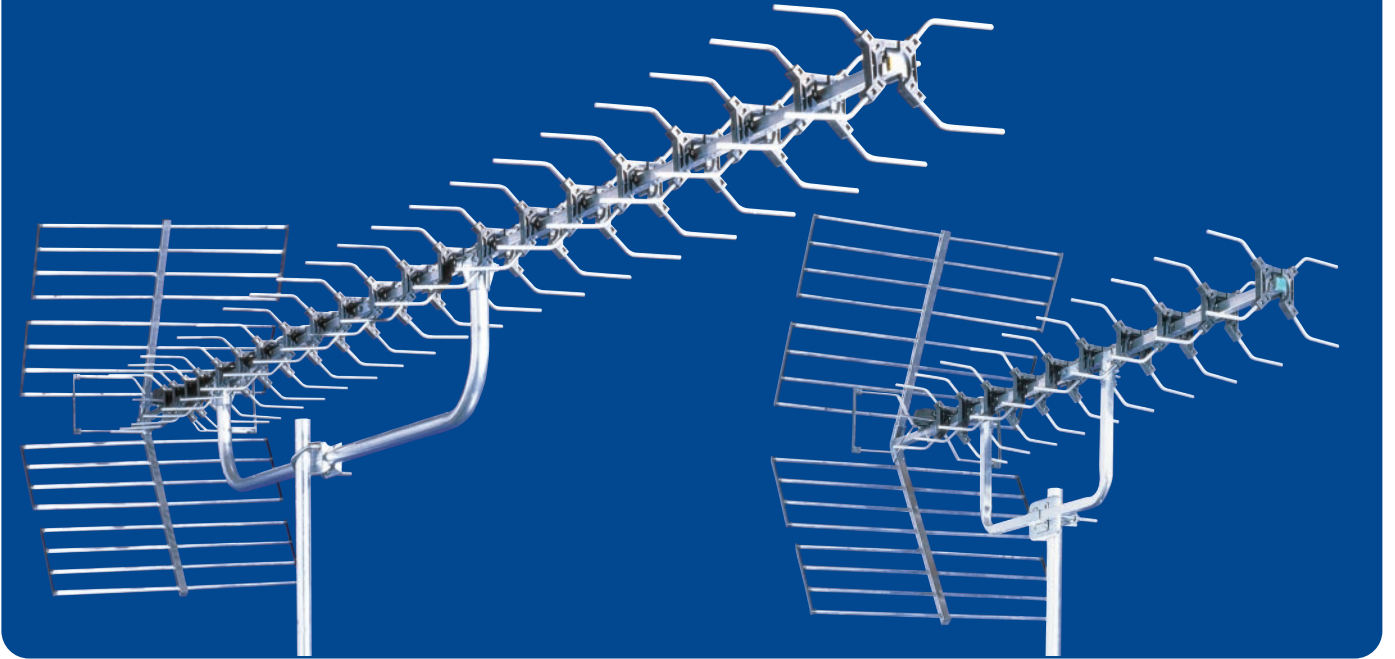


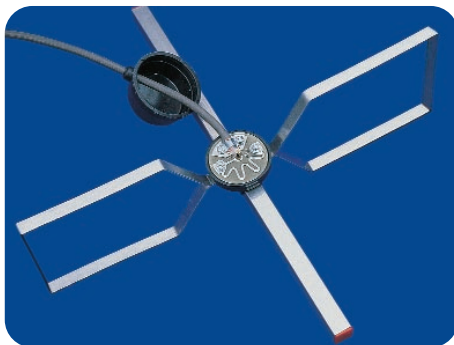
High Gain 'JBX' Multibeam UHF Aerials



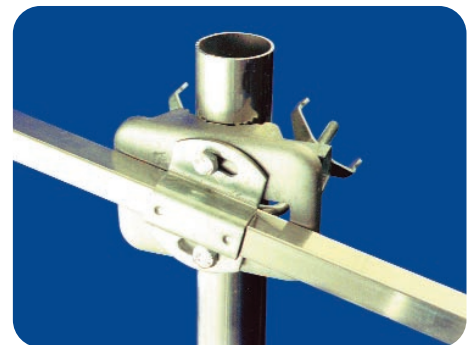
- Enhanced for DTT reception.
- 8, 10, 14 and 21 bays of director elements covering groups A, B, C/D, E, K and W/B.
- Preferred for poor to moderate signal strength areas.
- Narrow acceptance angle for good anti-ghosting properties.
- Superior rugged construction.
- **"X bow tie"** dipole incorporating an easy fit termination with a soldered brass electrical terminal, braid clamp and a printed circuit board balun for improved gain, impedance match bandwidth and impulsive noise rejection.
- Watertight insulator cap, malleable in all working temperatures.
- Fortified 16 element reflector design for a superior back to front ratio.
- Tilt and slide clamp to facilitate adjustment in elevation.
- Solid rod X element with rotate-&-lock design.
- Aerial booms are coupled for easy storage and are packed one per box.
- Simple, quick and easy assembly and installation.

MODEL PART No. (Order Ref)	No. OF ELEMENTS	GROUP	FORWARD GAIN (dbd)	BACK TO FRONT RATIO (db)	ACCEPTANCE ANGLE (degrees)	LENGTH (metres)
JBX08WB	51	WB (21-68)	12.0	20	25	1
JBX10A	60	A (21-37)	12.2-14.1	26-27	13-15	1.6
JBX10B		B (35-53)				1.3
JBX10CD		CD (48-68)				1.1
JBX10E		E (35-68)				1.1
JBX10K		K (21-47)				1.4
JBX14WB	76	WB (21-68)	13.50	27	13	1.9
JBX21A	104	A (21-37)	14.6-16.5	28-30	9-11	3.3
JBX21B		B (35-53)				2.6
JBX21CD		CD (48-68)				2.6
JBX21WB		WB (21-68)				2.6

Further performance data can be acquired @ www.blake-uk.com



JBX "Bow-tie" Dipole with Balun



Tilt Mast Clamp

Gain Figures are expressed against a half wave dipole and testing conforms to BS 5640 (part 2).

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