



For the Best

2020 Q4

New Products Catalogue



2020
VISION



For the Best in Digital TV Antenna and Security Solutions

Matchmaster is the premium supplier and manufacturer of digital TV antenna systems for domestic and digital TV commercial applications.

Matchmaster products range from digital TV antennas to complex distribution systems including Fibre Optics, TV over CAT6 and IP TV into the future. Matchmaster also has a range of CCTV and security products perfectly suited to protecting residential and commercial premises.

Matchmaster specialize in Commercial distribution systems with design and engineering capabilities to suit every possible application. Matchmaster also provide technical support and are an endorsed trainer and are renown for delivering the best industry training program of its type.

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HDMI 2.1 8K 48Gbps Active Optical Fibre Cable

- » 8K/60Hz performance with HDR and fully compatible with HDMI 2.1 and HDCP 2.2
- » Support 48Gbps Bandwidth with 4K 50/60/100/120P and 8K 50/60P and Dynamic HDR
- » HDMI over Fibre reduces the risk of EMI/RFI interference
- » Hybrid optical cable with fiber and copper wire
- » Backwards compatible with HDMI2.0/HDMI1.4
- » Plug and Play without need for external power source

Product Code	Length
O4MM-AOC8K5	5m
O4MM-AOC8K10	10m
O4MM-AOC8K15	15m
O4MM-AOC8K20	20m
O4MM-AOC8K30	30m



TV Mount Bracket Extra Large 100" Heavy Duty O4MM-TB11

- » Extra large heavy duty fixed design suitable for both flat and curved panel configurations from 60" to 100"
- » Heavy duty 100KG load rating to support large commercial screens
- » Open architecture design allows easy accommodation of larger recessed hubs for cable management
- » Automatic click in spring lock for added safety
- » 32mm slim profile to allow flush mounting to the wall



TV Tilt and Swivel Bracket 43"-100" O4MM-TB12

- » Swivel mount wall bracket 43-100 inch with full wall mounting back plate
- » Heavy duty 70 kg load rating supporting larger screens
- » Max 800mm off the wall allowing larger screens the ability to use all the available swivel.
- » Allows a VESA pattern up to 800 x 600
- » Built-In Level Adjustment: ensures perfect positioning
- » Post-Install Lateral Shift: makes it easy to centre TV on the wall, even with off-centre studs



TV Tilt and Swivel Bracket - Long Arm to 1015mm, 43"- 80" O4MM-TB13

- » 82-1015mm long extension arm provides a wide range of viewing angles
- » Swivelling Arms offer maximum viewing flexibility (makes every seat the best seat)
- » Heavy duty 50 kg load rating to support larger screens
- » Cable Management elegantly hides any cables that are attached to displays
- » For Most 43"-80" Flat Panel TVs
- » Quick-Release Latch locks and unlocks the display in place

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Televés H30EVOLUTION DVB-S/S2 + DVB-T/T2 + DVB-C including Wi-Fi, IPTV, AV and HEVC options

12MM-H30EVO-F

- » Measures DVB-S/S2, DVB-T/T2 and DVB-C
- » Wi-Fi, IPTV Analyzer, HEVC and Audio/Video Analogue features included along with protective carry case (12MM-H30-CASE)
- » Multiscreen and remote control through Android/iOS/PC using Wi-Fi or Bluetooth allowing remote monitoring, wireless control and channel editing
- » Guided Satellite Pointing allowing for quick and accurate dish pointing
- » Wideband satellite measurements to 2400MHz to suit stacked signals in dSCR and dCSS systems
- » Included as standard all the great features and ease of use of the H30 range



Amplifier 41dB Forward Gain 47-862MHz - No Return Path

14MM-BA214

- » Downstream frequency range 47 to 862MHz with 41dB Gain
- » GaAs push-pull output stage
- » Interstage attenuator, slope pre-correction and adjustable gain & slope regulators
- » Output level CTB, CSO (EN60728-3)* 115 dB μ V (42 ch.)
- » 18dB adjustment for both gain and slope
- » Operating temperature range 20 \pm +50 degrees C

* measured with 6dB interstage equalizer



Double Bubble Compression Tool

18MM-DBCT

- » Designed for use with the 18MM-DB6F Foxtel approved (F31137) RG6 Compression connector
- » Creates a Secure, Permanent "Double Bubble®" Connection
- » TRUE 360° Compression Technology
- » Suited for F-Type, RCA and BNC Double Bubble Connectors
- » Compression provides 100 % sealing protection on all approved cable types
- » Simple and easy to use



Double Bubble Connector for RG6 Foxtel Approved Quad and Tri-Shield Cables (50 Pack)

18MM-DB6F

- » Foxtel approved (F31137) RG6 Compression connector
- » One piece, Double Bubble Compression connector suited for use with our 18MM-DBCT compression tool
- » Embedded O-Ring to prevent water and dust ingress
- » Locking washer to prevent the F-Connector coming loose after installation
- » Compression provide 100% sealing protection on all approved cable types
- » Simple and easy to use

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Compression Connector for RG11 Foxtel Approved Quad-Shield Cables (50 Pack)

18MM-FS11F

- » Foxtel approved RG11 Compression connector
- » Suited for use with 08MM-CT07 and 08MM-CT01S compression tools
- » Embedded O-Ring to prevent water and dust ingress
- » Return Loss: > -30 dB up to 1 GHz typical
- » Compression provide 100% sealing protection on all approved cable types
- » Simple and easy to use



4G Multi-band Base Cellular Antenna with Bracket for Mirror/Roof Bar S/S

56MM-4G01

- » 4G Multi-Band performance Omni directional antenna with stainless steel mounting bracket included.
- » 6.0dBi Gain @ 690-960 MHz, 3.0dBi Gain @ 1710-2700 MHz.
- » Factory tuned no further tuning required.
- » Designed and manufactured in Australia
- » Fiberglass & thick walled Radome.
- » Simple and easy to use and install



4G Log Yagi High Gain Antenna - Welded Aluminium Construction

56MM-4G02

- » 4G Multi-Band performance directional antenna with stainless steel mounting bracket included.
- » 12dBi nominal gain
- » Polarization adjustable between Vertical, Horizontal, +45 degrees or -45 degrees
- » Designed and manufactured in Australia
- » Black powder coated welded aluminium construction with stainless mounting bracket
- » Factory tuned no further tuning required.



UHF GPI Flexi Dipole Antenna Kit

56MM-CBU01

- » Frequency 470-490 MHz with 4dB* Gain
- » Omni directional with 30W maximum power
- » Stud mount with 5m RG58C/U with FME Socket fitted
- » Designed and manufactured in Australia
- » Ground Plane Independent
- » A compact and durable antenna with L Bracket supplied for mounting.

*dB Gain reference is relative to a ¼ wave on a ground plane

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Elevated Feed UHF CB Antenna Kit with two brackets 56MM-CBU02

- » Complete Kit including Stainless Spring & Elevated Feed Base, 6.5dB & 3dB Antennas, RG58 Lead & Plug as well as two brackets.
- » Pre-Terminated cables, no tools required.
- » Stud mount with 5m RG58C/U Mil-Spec with FME Socket + FMEp-UHFp Adaptor
- » Designed and manufactured in Australia
- » Factory Tuned, no further tuning required, 470-490MHz
- » Heavy Duty, Stainless Steel & Fibreglass Construction.



Coaxial Crimping Tool for RG213/LL-LMR400 cables 56MM-CT01

- » For use with 10mm coaxial cables including RG213, LL-LMR400
- » Use with N400, N213, U213 and TNC400 connectors
- » Hex Crimp 10.51mm
- » Diecast crimping jaws with rubber sleeved steel handles for a comfortable grip.



Coaxial Crimping Tool for RG58/59/LL-LMR195 cables 56MM-CT02

- » For use with 5mm coaxial cables including RG58/59, LL-LMR195
- » Use with N195, N058, and U058 connectors
- » Hex Crimp 5.22mm
- » Diecast crimping jaws with rubber sleeved steel handle for a comfortable grip



Coaxial Stripping Tool for RG213/LL-LMR400 cables 56MM-ST01

- » For use with 10mm coaxial cables including RG213, LL-LMR400
- » Use with N400, N213, U213 and TNC400 connectors
- » Pre-set dielectric and jacket stripping depths, no adjustment required
- » Compact, lightweight design



Coaxial Stripping Tool for RG58/59/LL-LMR195 cables 56MM-ST02

- » For use with 5mm coaxial cables including RG58/59, LL-LMR195
- » Use with N195, N058, and U058 connectors
- » Pre-set dielectric and jacket stripping depths, no adjustment required
- » Compact, lightweight design

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Coaxial Cable RG58C/U Type 5mm, Made to MIL-C-17D Spec - Cut to Length

56MM-E58-1



- » RG58C/U Coaxial cable suitable for Radio Transmission, Amateur Radio and Base Radio Antenna Station - Cable can be cut to length in 1m increments.
- » Impedance: 50Ω Nom.
- » Velocity of propagation - 66%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-1000MHz
- » Capacitance 98.4pF/M

Coaxial Cable RG58C/U Type 5mm, Made to MIL-C-17D Spec - 100m roll

56MM-E58-100



- » 100m RG58C/U Coaxial cable suitable for Radio Transmission, Amateur Radio and Base Radio Antenna Station
- » Impedance: 50Ω Nom.
- » Velocity of propagation - 66%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-1000MHz
- » Capacitance 98.4pF/M

Coaxial Cable RG58C/U Type 5mm, Made to MIL-C-17D Spec - 500m roll

56MM-E58-500



- » 500m RG58C/U Coaxial cable suitable for Radio Transmission, Amateur Radio and Base Radio Antenna Station
- » Impedance: 50Ω Nom.
- » Velocity of propagation - 66%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-1000MHz
- » Capacitance 98.4pF/M

RG213 Coaxial Cable 50Ω Single Braided 10mm cable - Cut to Length

56MM-E213-1



- » RG213 Coaxial cable suitable for Radio Transmission, Amateur Radio and Base Radio Antenna Station. Cable is cut to length in 1m increments
- » Impedance: 50Ω Nom.
- » Velocity of propagation - 66%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-1000MHz
- » Capacitance 90pF/M

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RG213 Coaxial Cable 50Ω Single Braided 10mm cable **56MM-E213-100**



- » 100m RG213 Coaxial cable suitable for Radio Transmission, Amateur Radio and Base Radio Antenna Station
- » Impedance: 50Ω Nom.
- » Velocity of propagation - 66%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-1000MHz
- » Capacitance 90pF/M

Coaxial Cable LMR-LL400 Type 10mm Low Loss Broadband Communication Cable - 305M **56MM-E400**



- » 305m roll of LMR/LL400 low loss cable for cellular antenna systems
- » Impedance: 50 ± 1 Ω
- » Velocity of propagation - 85%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-2500MHz
- » Return Loss ≥ 20 dB

Coaxial Cable LMR-LL400 Type 10mm Low Loss Broadband Communication Cable - Cut to Length **56MM-E400-1**



- » LMR/LL400 low loss cable for cellular antenna systems - Cable can be cut to length in 1m increments.
- » Impedance: 50 ± 1 Ω
- » Velocity of propagation - 85%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-2500MHz
- » Return Loss ≥ 20 dB

Coaxial Cable LMR-LL400 Type 10mm Low Loss Broadband Communication Cable - 100M **56MM-E400-100**



- » 100m roll of LMR/LL400 low loss cable for cellular antenna systems
- » Impedance: 50 ± 1 Ω
- » Velocity of propagation - 85%
- » Cut and terminate to the exact lengths required
- » Frequency range 30-2500MHz
- » Return Loss ≥ 20 dB

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10mm RF Cable Earthing Kit for RG213/LL-LMR400 Cable

56MM-EK01

- » Designed for 10mm flexible coaxial cables such as RG213 or LL-LMR400 cables (Matchmaster E213/E400 cables)
- » Grounding cable length 1000mm
- » Contact Resistance $\leq 1\text{m}\Omega$
- » Insulation Resistance $>500\text{M}\Omega$
- » Nom Discharge Current $\geq 70\text{kA}$
- » RoHS Compliant 2002/95/EC



6 Meter Pre-Terminated Lead LL-LMR195 N-SMA for 4G01 or 4G02 Antenna Kits

56MM-FL50-06

- » Can be used with our 4G01 and 4G02 antenna kits to complete installation
- » Pre-Terminated cables, no tools required.
- » 6m LMR-LL195 low loss coaxial cable
- » VSWR: ≤ 1.2 (0 - 3 GHz)
- » N-Type male to SMA Male terminations



12 Meter Pre-Terminated Lead LL-LMR400 N-SMA for 4G01 or 4G02 Antenna Kits

56MM-FL50-12

- » Can be used with our 4G01 and 4G02 antenna kits to complete installation
- » Pre-Terminated cables, no tools required.
- » 12m LMR-LL400 low loss coaxial cable
- » VSWR: ≤ 1.2 (0 - 3 GHz)
- » N-Type male to SMA male terminations



N-Plug for LL/LMR195/RG58 50Ω, Crimp

56MM-N058

- » N058 N-Type connector for use with 56MM-E58 series cable
- » Impedance: 50Ω Nom.
- » The shield screw thread connection conforms to the proper 5/8"-24UNEF-2B standard imperial thread.
- » Brass body with Nickel plating with Phosphor Bronze contact pin with gold plating.



N-Plug for RG213 50Ω, Crimp

56MM-N213

- » N213 N-Type connector for use with 56MM-E213 series cable and RG213
- » Impedance: 50Ω Nom.
- » The shield screw thread connection conforms to the proper 5/8"-24UNEF-2B standard imperial thread.
- » Constructed with a Brass body with Nickel plating and a gold plated pin.
- » Captive Pin
- » Teflon Dielectric

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N-Plug for LL400/LMR400 50Ω, Spring Finger **56MM-N400SF**

- » N400SF N-Type connector for use with 56MM-E400 series cable
- » Impedance: 50Ω Nom.
- » RoHS compliant. 10.7mm Hex crimp.
- » Brass body with Nickel plating with Beryllium Copper contact pin with gold plating.
- » Internal silicon rubber gasket for waterproofing



SMA Crimp Plug for - LL-LMR195 and RG58 50Ω cable **56MM-SMA58**

- » For use with 5mm OD 50ohm coaxial cables including RG58 and LL-LMR195
- » Impedance: 50Ω Nom.
- » The shield screw thread connection conforms to the proper UHF PL-259 standard imperial thread.
- » Gold Plated Brass body with Nickel plated crimp and Gold plated Beryllium copper centre pin, solder.
- » Suitable up to 12GHz
- » Designed for crimping using Hex5.4



SMA Crimp Plug for - LL-LMR400 and RG213 **50Ω cable - Spring Finger** **56MM-SMA400SF**

- » For use with 10mm OD 50ohm coaxial cables including RG213 and LL-LMR400
- » Impedance: 50Ω Nom.
- » The shield screw thread connection conforms to the proper UHF PL-259 standard imperial thread.
- » Nickel Plated Brass body with Nickel plated crimp and Gold plated Spring Finger Beryllium copper centre pin, no solder
- » Suitable up to 12GHz
- » Designed for crimping using Hex 10.7



EMP / Lightning Protector - Gas Capsule 90V **56MM-SRG-N90**

- » Broadband use for most applications DC-2.5 GHz
- » Various Gas Voltage Capsule available depending on system RF Power.
- » Suitable for RF Power Systems up to 600W
- » Supplied with Earthing lug and Mounting bracket
- » Weatherproof "O" Ring Seal to panel and capsule cover
- » Fixed adaptor, N-Female - N-Female

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TNC400 Right Angled Plug (No Solder) for LL-LMR400 Cable

56MM-TNC400RA

- » For use with 10mm coaxial cables including RG213, LL-LMR400
- » Impedance: 50Ω Nom.
- » Crimp outer with Spring Finger Centre
- » Nickel-plated Brass metal parts with Gold Plated Beryllium Copper centre pin
- » Recommended Crimp DIES: HEX 10.7
- » PTFE Insulator with Silicon Gasket



TNC400 Straight Plug (No Solder) for LL-LMR400 Cable

56MM-TNC400

- » For use with 10mm coaxial cables including RG213, LL-LMR400
- » Impedance: 50Ω Nom
- » Crimp outer with Spring Finger Centre
- » Brass body with Nickel plating and Gold Plated Centre Pin
- » Recommended Crimp DIES: HEX 10.7
- » PTFE Insulator with Silicon Gasket



UHF Crimp Plug for - LL-LMR195 and RG58 50Ω cable

56MM-U058

- » UHF Crimp Plug for - LL-LMR195 and RG58 50Ω cable
- » Impedance: 50Ω Nom.
- » The shield screw thread connection conforms to the proper UHF PL-259 standard imperial thread.
- » Brass body with Nickel plating and Gold Plated Centre Pin
- » Suitable up to 520MHz



UHF clamp plug for RG213 and LL-LMR400

56MM-U213

- » For use with 10mm coaxial cables including RG213, LL-LMR400 and RG11A/U 75 Ohm
- » Impedance: 50Ω Nom.
- » The shield screw thread connection conforms to the proper UHF PL-259 standard imperial thread.
- » Nickel-plated brass body with gold plated brass centre pin.
- » Suitable up to 520MHz
- » Teflon Dielectric with Silicon Gasket



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Products may vary from images shown
and all specifications are correct at
time of printing