



MISSION CRITICAL MOBILE ANTENNAS

DEFENCE / PUBLIC SAFETY / COVERT / MINING / RAIL / MARINE

UHF / VHF / Dual Band VHF & UHF / Cellular / Composite



V1.3



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UHF ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|----------|--|------------|--------|-----------------|-------------|
| 02613 | Benelec UHF Flexible Mobile ¼ Wave GP Antenna - 20MHz BW (Feild Tunable) | 470-490MHz | 2.1dBi | AU BASE | 154 |
| 02620IBK | Benelec UHF Black Mobile GP Antenna - 20MHz BW | 400-420MHz | 4.5dBi | AU BASE | 763 |
| 02622IBK | Benelec UHF Black Mobile GP Antenna - 20MHz BW | 450-470MHz | 4.5dBi | AU BASE | 710 |
| 02623IBK | Benelec UHF Black Mobile GP Antenna - 20MHz BW | 470-490MHz | 4.5dBi | AU BASE | 670 |
| 02633QC | Benelec UHF Mobile ½ Wave GPI Antenna M Base - 20MHz BW (Feild Tunable) | 380-400MHz | 2.1dBi | M BASE UHF Plug | 462 |
| 02633C | Benelec UHF Mobile ½ Wave GPI Antenna M Base - 20MHz BW (Feild Tunable) | 450-530MHz | 2.1dBi | M BASE UHF Plug | 500 |
| 02634C | Benelec UHF Mobile Broadband Flexible ½ Wave GPI M Base | 380-520MHz | 2.1dBi | M BASE UHF Plug | 460 |
| 02634MC | Benelec UHF Ultra Rugged Broadband GPI Antenna M Base | 380-520MHz | 2.1dBi | M BASE UHF Plug | 320 |
| 02666 | Benelec UHF Broadband Marine GPI Antenna 1" 14TPI Thread | 380-490MHz | 2.1dBi | N Socket | 580 |
| 02656 | Benelec UHF Mobile Broadband Glass Mounted GPI Antenna | 406-535MHz | 2.1dBi | Bare RG58 | 150 |



M BASE
UHF SOCKET
SKU: 04110L



Australian Base
5/16" 26TPI
SKU: 02740



02613

02620IBK

02622IBK

02623IBK

02633QC

02633C

02634C

02634MC

02666

02656

VHF ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|---------|---|------------|--------|-----------------|-------------|
| 02403 | Benelec VHF Mid-band ¼ Wave Tapered Mobile GP Tunable Antenna, 6% Bandwidth (Requires 02410) | 48-85MHz | 2.1dBi | Plain-end | 1500 |
| 02401 | Benelec VHF Mid-band ¼ Wave Tapered Mobile GP Tunable Antenna, 6% Bandwidth (Requires 02410) | 61-85MHz | 2.1dBi | Plain-end | 1200 |
| 02316C | Benelec VHF Mid-band ½ Wave GPI Mobile Antenna | 77-88MHz | 1.5dBq | M BASE UHF Plug | 1670 |
| 02551 | Benelec VHF Air-band ½ Wave GPI Mobile Antenna | 118-135MHz | 3dBi | M BASE UHF Plug | 1357 |
| 02511 | Benelec VHF High-band ¼ Wave Mobile GP Tunable Antenna AU Base, 8% Bandwidth | 125-174MHz | 2.1dBi | AU BASE | 589 |
| 02402 | Benelec VHF High-band ¼ Wave Tapered Mobile GP Tunable Antenna, 8% Bandwidth (Requires 02410) | 125-174MHz | 2.1dBi | Plain-end | 585 |
| 02515C | Benelec VHF High-band ½ Wave GPI Mobile Antenna 5MHz BW (Feild Tunable) | 148-174MHz | 2.1dBi | M BASE UHF Plug | 1350 |
| 02515M3 | Benelec Ultra Rugged VHF High-band ½ Wave GPI Mobile Antenna | 136-166MHz | 2.1dBi | M BASE UHF Plug | 950 |
| 02515M4 | Benelec Ultra Rugged VHF High-band ½ Wave GPI Mobile Antenna | 148-174MHz | 2.1dBi | M BASE UHF Plug | 890 |
| 02410 | VHF Antenna Ferrile AU Base 5/16" 26TPI | - | - | AU BASE | - |



COVERT ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | DIMENSIONS (MM) |
|---------|--|------------|--------|------------------------|----------------------|
| 026363 | UHF Covert Internal Lining GPI Antenna | 406-512MHz | 2.1dBi | 6m RG58 Cable Bare-end | 104 W x 276 L |
| 026362T | UHF Covert Transportable GPI Antenna | 360-400MHz | 2.1dBi | 3m RG58 Cable SMA Plug | 50 H x 150 W x 220 L |
| 02636Q6 | UHF Covert Vehicle GPI Antenna | 380-400MHz | 2.1dBi | 6m RG58 Cable Bare-end | 462 H |
| 02636V1 | UHF Covert GPI Antenna | 460-470MHz | 2.1dBi | SMA Plug | 289 H |

A much larger, extensive range of Covert Antennas are available. Please contact our sales team for more information.



026362T
360-400MHz



02636Q6
380-400MHz



02636V1
460-470MHz

UHF & VHF DUAL BAND ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|--------|---|-------------------------|--------|-------------------|-------------|
| 025702 | Benelec Flexible Dual Band VHF/UHF Mobile Ground Plane Antenna | 140-165MHz / 400-500MHz | 2.1dBi | 5/16"26TPI Socket | 460 |
| 025703 | Benelec Flexible Dual Band VHF/UHF Mobile Ground Plane Antenna | 138-162MHz / 450-510MHz | 2.1dBi | 5/16"26TPI Socket | 460 |
| 025704 | Benelec Flexible Dual Band VHF/UHF Mobile Ground Plane Antenna | 157-174MHz / 400-480MHz | 2.1dBi | 5/16"26TPI Socket | 430 |
| 025720 | Benelec Dual Band VHF/UHF Base Ground Plane Independent Antenna | 136-144MHz / 485-510MHz | 2.1dBi | N Socket | 1935 |

GPS ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | DIMENSIONS (MM) |
|---------|---|----------------|------|-------------|-----------------|
| 0294101 | Active GPS Glass Mount Antenna, 5m Cable | GPS 1575.42MHz | 28dB | SMA Plug | 38 x 45 x 13 |
| 0294104 | Active GPS Panel Mount Waterproof Antenna, 5m Cable | GPS 1575.42MHz | 28dB | SMA Plug | 46 x 20 x 13 |
| 0294105 | Active GPS Magnetic Waterproof Antenna, 5m Cable | GPS 1575.42MHz | 28dB | SMA Plug | 38 x 45 x 13 |



**Australian Base
5/16" 26TPI**
SKU: 02740



140-165MHz / 400-500MHz

025702



138-162MHz / 450-510MHz

025703



157-174MHz / 400-480MHz

025704



136-144MHz / 485-510MHz

025720



GPS 1575.42MHz

0294101



GPS 1575.42MHz

0294104

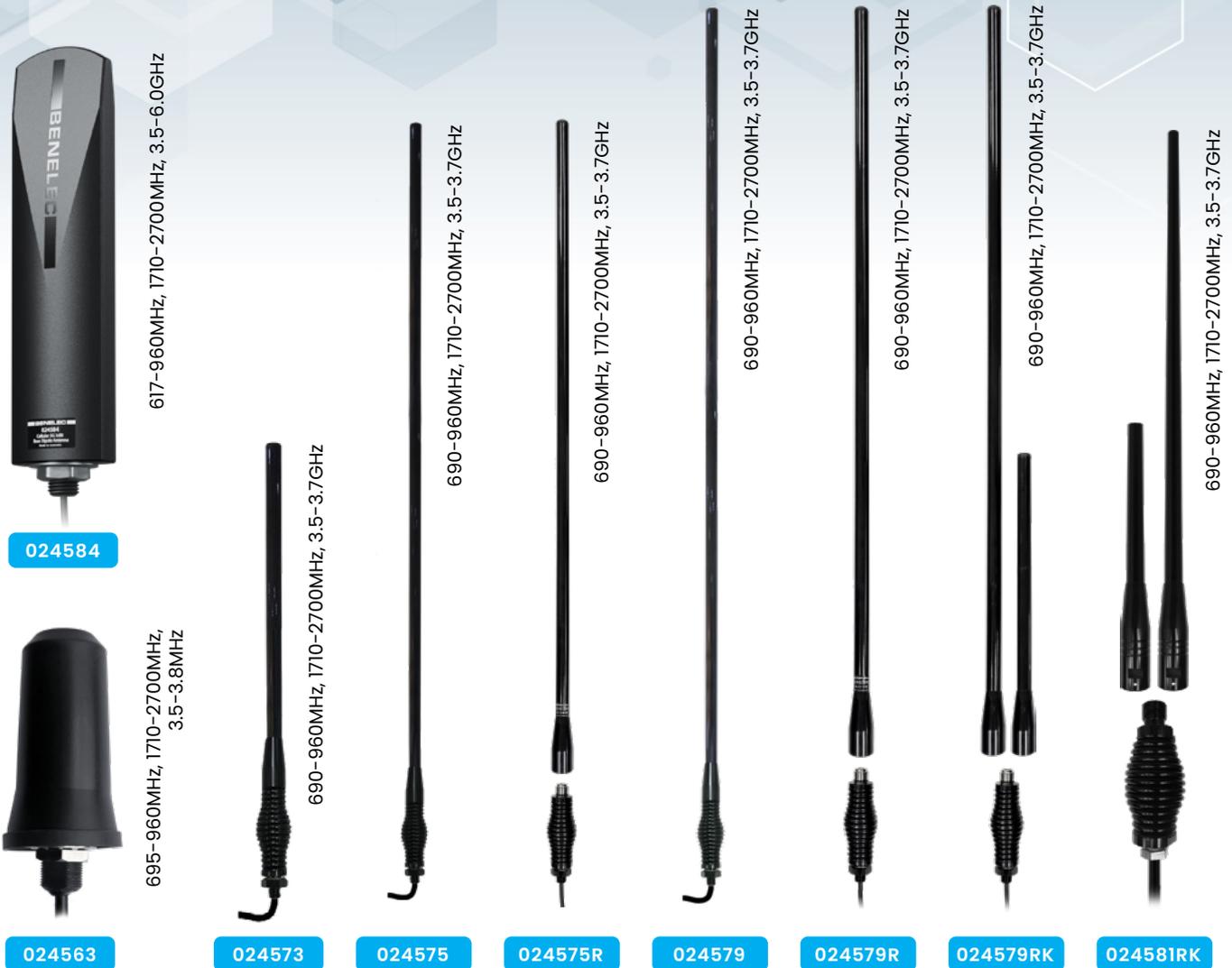


GPS 1575.42MHz

0294105

CELLULAR ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|-----------------|---|--------------------------------------|-------------|-------------|-------------|
| 024584 | Cellular 5G Base Dipole Antenna | 617-960MHz, 1710-2700MHz, 3.5-6.0GHz | 1.8-4.7 dBi | SMA Plug | 203 |
| 024563 | Cellular 5G Mobile or Fixed Site Low Profile Antenna | 695-960MHz, 1710-2700MHz, 3.5-3.8MHz | 2/3/5 dBi | SMA Plug | 77 |
| 024573 | Cellular 5G Mobile Collinear Spring Mounted Antenna | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 3dBi | SMA Plug | 420 |
| 024575 | Cellular 5G Mobile Collinear Spring Mounted Antenna | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 6dBi | SMA Plug | 905 |
| 024575R | Cellular 5G Mobile Collinear Removable Spring Antenna | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 6dBi | SMA Plug | 905 |
| 024579 | Cellular 5G Mobile Collinear Spring Mounted Antenna | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 7.5dBi | SMA Plug | 1220 |
| 024579R | Cellular 5G Mobile Collinear Removable Spring Antenna | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 7.5dBi | SMA Plug | 1220 |
| 024579RK | Cellular 5G Twin Mobile Collinear Removable Spring Mounted Antenna Kit | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 3 & 7.5 dBi | SMA Plug | 1220 / 420 |
| 024581RK | XTREME Cellular Ultra Rugged Twin Mobile Collinear Removable Spring Mounted Antenna Kit | 690-960MHz, 1710-2700MHz, 3.5-3.7GHz | 3 & 6 dBi | SMA Plug | 917 / 605 |



COMPOSITE BAND ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|-----------|---|---|-----------|-------------|-------------|
| 029327 | Wi-Fi & Active GPS Glass Mount Antenna | 2.4-2.5GHz | 2.1 dBi | QMA Plug | 198 |
| 02942051P | 6 Band Shark Fin Antenna 2 x 5G, 2 x Wi-Fi, 2 x GPS/GNSS | 617-960MHz, 1710-3800MHz 2.4-2.5GHz, 5.0-6.0GHz | 4 - 6dBi | SMA Plug | 173 |
| 02942052M | 8 Band Low Profile Surface Antenna 2 x 5G, 4 x Wi-Fi, 2 x GPS/GNSS | 617-960MHz, 1710-3800MHz 2.4-2.5GHz, 4.9-6.0GHz | 3 - 5dBi | SMA Plug | 300 |
| 024561M2 | Panel Mounted Low Profile 2x2 MiMo 5G Antenna | 695-960MHz, 1710-2700MHz, 3.5-3.8MHz | 2 - 3 dBi | SMA Plug | 38 x 89 ø |
| 0294212 | 10 Band Low Profile Antenna 4 x 5G, 4 x Wi-Fi, 2 x GNSS Filtered | 617-960MHz, 1710-7200MHz 2.4-2.5GHz, 4.7-7.2GHz | 4 - 6dBi | SMA Plug | 265 |
| 0294211 | 10+1 Band Low Profile Antenna 4 x 5G, 4 x Wi-Fi, 2 x GNSS , 1 x Auxillary Antenna | 617-960MHz, 1710-7200MHz 2.4-2.5 GHz, 4.7-7.2GHz | 4 - 6dBi | SMA Plug | 265 |
| 029352N | Auxiliary - C Band N Plug Spring base (For 0294211) Mesh antenna | 4.9-5.0GHz | 8.85dBi | N Plug | 440 |
| 02634N | Auxiliary - UHF Mobile ½ wave 20mm radome and spring - Fiberglass top. (For 0294211) | 380-520MHz | 2.1dBi | N Plug | 345 |



GPS & Wi-Fi 2.4-2.5GHz

029327



617 - 960MHz, 1710 - 3800MHz
2.4 - 2.5GHz, 5.0 - 6.0GHz

02942051P



617 - 960MHz, 1710 - 3800MHz
2.4 - 2.5GHz, 4.9 - 6.0GHz

02942052M



695-960MHz, 1710-2700MHz,
3.5-3.8MHz

024561M2



617 - 960MHz, 1710 - 7200MHz
2.4 - 2.5 GHz, 4.7 - 7.2GHz

0294212



(Auxiliary Antenna Sold Separately)

617 - 960MHz, 1710 - 7200MHz
2.4 - 2.5 GHz, 4.7 - 7.2GHz

0294211



4.9-5.0GHz

029352N



380-520MHz

02634N

EXTREME ENVIRONMENTS

MINING ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|---------|--|---------------------------|---------|-------------|-------------|
| 02515M4 | Ultra Rugged VHF High Band ½ Wave GPI Mobile Antenna, M Base | 148-174MHz | 2.15dBi | UHF Plug | 890 |
| 02634MC | UHF Ultra Rugged Mobile GPI Antenna, M Base | 380-520MHz | 2.15dBi | UHF Plug | 320 |
| 029313H | Mining High Vibration S & C Dual Band Antenna | 2.1-2.5GHz, 4.0-6.0GHz | 3.0dBi | N Socket | 231 |
| 02461H | High Vibration 5G Cellular Antenna | 0.6-7.2GHz | 2-3dBi | N Socket | 396 |

RAIL ANTENNAS

| SKU | DESCRIPTION | FREQUENCY | GAIN | TERMINATION | LENGTH (MM) |
|----------|--|-----------------------------|----------|-------------|---------------|
| 02628R | UHF Low Profile Rail Antenna | 400-470MHz | 2.15dBi | N Socket | 296 x161 x 68 |
| 02471R | 5G Low Profile Glass Mount Antenna | 690-960MHz, 1710-2700MHz | 5-6dBi | N Socket | 76 x 176 x 79 |
| 0294206R | 4G & GPS Low Profile Glass Mount Antenna | 690-960MHz, 1710-2700MHz | 5-6.5dBi | N Socket | 76 x 176 x 79 |



02515M4



02634MC



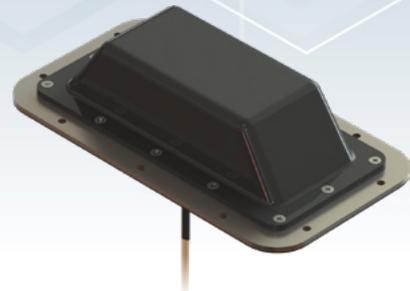
029313H



02461H

Mounting Options

| | |
|-------------------------|--------------|
| Vertical Round Member | 25 - 63mm |
| Horizontal Round Member | 25 - 63mm |
| Vertical Panel | 4 hole plate |



02628R



02471R

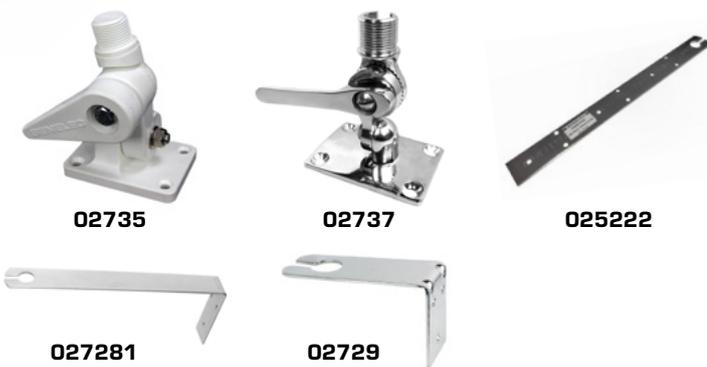


0294206R

ACCESSORIES

VEHICLE BRACKETS

| | | | |
|------------------------------|---|---------------|---------------|
| 02714S | Fold-down Mobile Antenna Gutter Bracket | | |
| 02726S | Heavy Duty Mobile Gutter Bracket (6mm hole) | | |
| 02728 | Mirror/Roof Antenna Bracket | | |
| 02730 | Bracket BullBar Right Angle | | |
| 027303 | Adjustable Lip Mount Mobile Antenna Bracket | | |
| Wrap Around Antenna Brackets | | | |
| 027313 | 027314 | 027315 | 027316 |
| 45mm | 50mm | 63mm | 76mm |
| 02732 | Heavy Duty Bull Bar Antenna Bracket | | |
| 027323 | Heavy Duty Folding Bull Bar Bracket | | |
| 02734 | Z Trunk Groove Antenna Bracket | | |
| 027423 | Magnetic Suction Antenna Base | | |
| 02745 | N Socket Roof Mounting Base 8GHz LMR240 | | |
| 027425 | Magnetic Base N Socket to TNC Socket 8GHz | | |
| 02740 | AU Base 5/16" 26TPI Panel Mount to RG58 Cable | | |
| 02742 | AU Base 5/16" 26TPI to UHF Socket | | |
| 04110L | M Base UHF Socket Panel Mount to RG58 Cable | | |
| 02795 | AU Base 5/16" 26TPI to UHF Plug Adaptor | | |



BASE & MARINE BRACKETS

| | |
|---------------|---|
| 02735 | Marine 2 Way Knuckle Antenna Base 1" Thread |
| 02737 | Marine 2 Way Knuckle Antenna Base 1" Thread Stainless Steel |
| 025222 | Marine Flat Mounting Bracket with Cable Slot |
| 027281 | Base Antenna Wall Bracket (16mm x 223mm) |
| 02729 | Base Antenna Wall Bracket (16mm x 58mm) |

CABLE ASSEMBLIES

| | |
|-----------------|--|
| 10108A | 3.6m RG58C/U Antenna UHF Base Lead with UHF Plug |
| 10109 | 5m RG58C/U Antenna M Base Lead with FME Socket |
| 10109S | 5m RG58C/U Antenna M Base Lead with SMA Plug |
| 96FR001 | 5m 6 Way RG58 Low-loss Cable Kit SMA Socket to SMA Plug/QMA Plug |
| 96FR009 | 3m 6 Way RG58 Low-loss Cable Kit SMA Socket to SMA Plug/QMA Plug |
| 96FR0010 | 1.5m 6 Way RG58 Low-loss Cable Kit SMA Socket to SMA Plug/QMA Plug |



10 Way and 11 Way Kits available on request

CABLES & CONNECTORS

COAXIAL CABLES

| SKU | DESCRIPTION | IMAGE | CONSTRUCTION | DIAMETER (mm) | IMPEDANCE | SPOOL LENGTH |
|----------|-------------|-------|--|---------------|-----------|--------------|
| 05602ABK | RG58C/U | | Single Braid Shield, Solid PE Dielectric, Multistrand | 4.95 | 50 Ω | 100m |
| 05603 | RG58LL | | Double Shield, Foam PE Dielectric, Multistrand | 4.95 | 50 Ω | 100m |
| 056081 | RG223 TPC | | Double Shielded Ag Plated Outer, Ag Solid Centre (TPC) | 4.95 | 50 Ω | 100m |
| 056082 | RG223 SPC | | Double Shielded Ag Plated Outer, Ag Solid Centre (SPC) | 4.95 | 50 Ω | 100m |
| 056031 | LL195 | | Double Shield, Foam PE Dielectric, Solid Centre | 4.95 | 50 Ω | 100m |
| 056032 | LL240 | | Double Shield, Foam PE Dielectric, Solid Centre | 6.1 | 50 Ω | 100m |
| 05605 | RG213 | | Single Braided Shield Coaxial | 10.3 | 50 Ω | 100m |
| 056041 | LL400 | | Double Shield Low Loss Coaxial | 10.3 | 50 Ω | 100m |

CABLE ASSEMBLIES

| | |
|---------|--|
| 04206 | Np Crimp RG58/LL195/RG223 |
| 04209 | Np LL400 Sprin Finger Crimp |
| 04208 | Np Crimp RG213/214 |
| 04221 | Ns Crimp RG58 /LL195/RG223 |
| 04225 | Ns Crimp Spring Finger LL400 |
| 04104 | UHFp Screw/Solder |
| 04106 | UHFp Crimp RG58 |
| 041014 | UHFp Clamp solder RG213 |
| 040013 | SMAp Crimp RG58 |
| 040013R | SMAp RP Crimp RG58 |
| 040033 | SMAs Crimp RG58 |
| 04Q013 | QMAp Crimp RG58 |
| 04Q033 | QMAs Crimp RG58 |
| 04311 | BNCp Crimp RG58 |
| 04166 | TNCp Crimp RG58 |
| 040113 | Mini-UHF crimp plug to RG58 |
| 04281 | UHF to UHFp |
| 04282 | N plug to UHF |
| 04372 | UHFp to BNCs |
| 101101 | QMA Plug to Mini-UHF Socket Adaptor Lead |



A much larger, extensive range of Cables & Connectors are available. Please contact our sales team for more information.



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