

Amphenol

Telecom Solutions

1.0/2.3 Miniature 50 Ohm Coaxial Push-Pull Connectors

| Materials | Electrical | Environmental |
|---|---|---|
| Body Parts (Male) – Brass – Nickel Finish Body Parts (Female) – Brass – Au/Ni Finish | Impedance – 50 ohm Frequency range – 0-4 GHz Voltage – 350 VRMS max sea-level Dielectric withstand – 750 VRMS max sea-level VSWR Straight – 1.3 R/A – 1.5 Resistance Centre – 6 Milliohms max Outer – 3 Milliohms max Insulator – 1000 Megaohms min | Temp. range – -40°C thru 155°C |
| Contacts Outer MALE – P/B – Gold Finish Centre MALE – Brass – Gold Finish Centre FEMALE – Beryllium Copper/Au Insulator – PTFE Crimp Ferrules* – Annealed Copper/Ni | | Durability 500 cycles |
| | | Related Information Hand Tools – Section F Termination Instr. – Section G Terminology – Section J |

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| <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>Crimp/Crimp Straight Plug Termination Instruction E 1231121A1N3GT30Gxxx50</p> | <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>Crimp/Crimp Straight Jack Termination Instruction E 1231121B1N3GT30Gxxx50</p> | <p>RECOMMENDED CABLE STRIPPING DIM'S</p> <p>Crimp/Crimp Straight Bulkhead Jack Termination Instruction E 1026421A1N3GT30Gxxx50</p> |
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| Part Number: | Description: | Part Number: | Description: | Part Number: | Description: |
|---------------|---------------------|---------------|--------------------------|---------------|--------------------------|
| 1021121A01RFX | RG/U: 174, 188, 316 | 1021121B01RFX | RG/U: 174, 188, 316 - Ni | 1026421A01RFX | RG/U: 174, 188, 316 - Ni |
| 1021121A02RFX | RG/U: 196A | 1021121B02RFX | RG/U: 196A | 1026421A02RFX | RG/U: 196A |

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| <p>Straight Bulkhead Jack for PCB 1026251L1N3GT30G50</p> | <p>Right Angle Bulkhead Jack for PCB 1026252L1N3GT30G50</p> | <p>50 Ω Terminator</p> |
|--|---|------------------------|

| Part Number: | Description: | Part Number: | Description: | Part Number: | Description: |
|---------------|--------------|---------------|--------------|--------------|--------------------|
| 1026251L01RFX | 3.6mm legs | 1026252L01RFX | 3.6mm Legs | 102799050 | Straight Push-Pull |

| Straight Cable Plugs | | | | Right Angle Cable Plugs and Jacks | | | |
|----------------------|---------------------------|---------------------|-----------------------|-----------------------------------|----------------|-----------------|---------------|
| Part Number: | Description | Cable | Termination | Part Number: | Description | Cable | Termination |
| 10279941 | Push-Pull | .141 S/R RG 402 | Solder/ Solder | 102799118 | Push-Pull Plug | Mini Coax | Crimp/Solder |
| 10279985 | | .085 S/R RG 405 | | 102799104 | | RG58 | |
| 10279904 | | RG58 | 102799116DB | RD316 | | | |
| 10279904DB | | RG142B | Crimp/Solder | 102799104DB | | RG55/142 | |
| 10279916DB | | RG 316 Double Braid | | 102799116 | | RG316 | |
| 10277920 | | LMR200 | | 102799185 | | .085 S/R RG 405 | Solder/Solder |
| 10277948 | | LMR240 | | 102799141 | | .141 S/R RG 402 | |
| 10279906 | RG174/179/188/316 L910/22 | Crimp/Crimp | 10291006 | RG174/179/188/316 L910/22 | Crimp/Solder | | |
| 10279934 | L910/34 L910/39 RG180 | | 10291034 | L910/34 L910/39 RG180 | | | |
| 10292006 | RG174/179/188/316 L910/22 | | 10290706 | RG174/179/188/316 L910/22 | | Crimp/Solder | |
| 10292034 | L910/34 L910/39 RG180 | 10290734 | L910/34 L910/39 RG180 | | | | |

| Straight Cable Jacks | | | | Alternate Terminated Jacks | |
|----------------------|-----------------|---------------------------|---------------|---------------------------------|---------------------------------|
| Part Number: | Description | Cable | Termination | Part Number: | Description |
| 10291306 | Bulkhead | RG174/179/188/316 L910/22 | Crimp/Solder | 10281103 | Press-Fit Straight PCB Bulkhead |
| 10291318 | | Mini Coax | | 10281106 | Straight PCB Press-Fit |
| 10224641 | | .141 S/R RG 402 | Solder/Solder | 10269201 | Straight PCB |
| 10224685 | | .085 S/R RG 405 | | 10223301 | Straight 4-Hole Flange Mount |
| 10224341 | .141 S/R RG 402 | | 10224501 | Right Angle 4-Hole Flange Mount | |
| 10291306DB | 4 Hole Flange | RG 316 Double Braid | Crimp/Solder | | |

ARFA /RF