

# Adapters, Between Series Straight, Plug to Plug or Plug to Jack

Fig. 1

N Plug to SMA Plug  
**901-292**  
VSWR: 1.3 max. DC-12.4 GHz

Fig. 2

N Plug to SMA Jack  
**901-294**  
VSWR: 1.3 max. DC-12.4 GHz

Fig. 3

N Plug to TNC Jack  
**78800**  
VSWR: 1.35 max. DC-11 GHz

Fig. 4

N Plug to UHF Jack  
**4400**  
(UG-146/U)

Fig. 5

SMA Plug to SMB Plug  
(Female Contact)  
**901-9038**  
VSWR: 1.08 max. DC-4 GHz

Fig. 6

SMA Plug to TNC Plug  
**901-168**  
VSWR: 1.3 max. DC-4 GHz

Fig. 7

SMA Plug to APC-7  
**131-91038**

Adapters

## STRAIGHT ADAPTERS - PLUG TO PLUG OR PLUG TO JACK

| Adapter Ends |          | Dimension, inch (millimeters) |                  | Notes |      | Military Number | Amphenol Number           | Fig. |
|--------------|----------|-------------------------------|------------------|-------|------|-----------------|---------------------------|------|
|              |          | a                             | b                | Plt.  | Ins. |                 |                           |      |
| N Plug       | SMA Plug | 1.70 (43.2)                   | .812 (20.6) dia. | P52   | D1   | -               | <a href="#">901-292</a>   | 1    |
| N Plug       | SMA Jack | 1.66 (42.1)                   | .812 (20.6)      | P9    | D1   | -               | <a href="#">901-294</a>   | 2    |
| N Plug       | TNC Jack | 1.94 (33.3)                   | .813 (20.6)      | P1    | D1   | -               | <a href="#">78800</a>     | 3    |
| N Plug       | UHF Jack | 1.41 (35.7)                   | .813 (20.6)      | P1    | D6/8 | UG-146/U        | <a href="#">4400</a>      | 4    |
| SMA Plug     | SMB Plug | .875 (22.2)                   | .312 (7.9) hex.  | P29   | D1   | -               | <a href="#">901-9038</a>  | 5    |
| SMA Plug     | TNC Plug | 1.12 (28.6)                   | .593 (15.1) dia. | P51   | D1   | -               | <a href="#">901-168</a>   | 6    |
| SMA Plug     | APC-7    | 1.39 (35.3)                   | .865 (22.0)      | P29   | D1   | -               | <a href="#">131-91038</a> | 7    |