

# General Information

This document contains information on the 11716A/C/D/E/F Interconnection Kit. Included in the note is a list of parts with part numbers and instructions for using the kit.

## Description

The 11716A/C/D/E/F Interconnection Kit provides the necessary parts to connect various attenuators in series. See [Table 1-4](#) to [Table 1-7-2](#) for possible combinations.

The 11716A/C/D/E/F interconnection ridged cable has the following connector types:

**Table 1-1** 11716A/C/D/E/F connector type

Model	Connector type
11716A	Type-N
11716C	SMA
11716D	2.92 mm
11716E	3.5 mm
11716F	2.4 mm

The overall height with attenuators is as follows:

**Table 1-2** 11716A/C/D/E/F overall height with attenuators

Model	Overall height with attenuators
11716A/C	3.235 in.
11716D/E/F	3.780 in.

The typical return loss of the cable is as follows:

**Table 1-3** 11716A/C/D/E/F typical return loss

Connector type	Interconnection ridged cable	Typical return loss
Type-N	11716A	≤ 20 dB
SMA	11716C	≤ 20 dB
2.92 mm	11716D	≤ 14 dB
3.5 mm	11716E	≤ 18 dB
2.4 mm	11716F	≤ 21 dB

## Interconnection kit matrix

**Table 1-4** Interconnection kit parts for 11716A/C

	8494	8495	8496
8494	Yes	Yes	Yes
8495	Yes	No	Yes
8496	Yes	Yes	Yes

**Table 1-5** Interconnection kit parts for 11716D

	84904L <sup>[1]</sup>	84906L <sup>[1]</sup>
84904L <sup>[1]</sup>	Yes	Yes
84906L <sup>[1]</sup>	Yes	Yes

[1] Applicable for Option 006, 106

**Table 1-6** Interconnection kit parts for 11716E

	<b>84904K</b>	<b>84906K</b>
<b>84904K</b>	Yes	Yes
<b>84906K</b>	Yes	Yes

**Table 1-7-1** Interconnection kit parts for 11716F

	<b>84904M</b>	<b>84908M</b>
<b>84904M</b>	Yes	Yes
<b>84908M</b>	Yes	Yes

**Table 1-7-2** Interconnection kit parts for 11716F

	<b>84904L<sup>[1]</sup></b>	<b>84906L<sup>[1]</sup></b>
<b>84904L<sup>[1]</sup></b>	Yes	Yes
<b>84906L<sup>[1]</sup></b>	Yes	Yes

[1] Applicable for Option 101, 100

## Items supplied

Parts included in the interconnection kits are listed in the following tables.

**Table 1-8** Interconnection kit parts for 11716A/C

Description	Qty	Part Number
Combining bracket	1	11716-00001
Base	1	11716-00002
Interconnect rigid cable		
• Type-N male connectors 11716A	1	11716-20001
• SMA connectors 11716C	1	11716-20003
Felt feet	4	0403-0309
Screw 4-40 × 7.9 mm (0.312 inch)	4	2200-0105
Screw 4-40 × 9.5 mm (0.375 inch)	2	2200-0769

**Table 1-9** Interconnection kit parts for 11716D/E/F

Description	Qty	Part Number
Bracket, attenuator mount	1	11716-60003
Interconnect rigid cable		
• 2.92 mm male connectors 11716D	1	11716-20006
• 2.4 mm male connectors 11716F	1	11716-20007
• 3.5 mm male connectors 11716E	1	11716-20008
Felt feet bumper foot - adhesive mounting	4	0403-0309
Screw M3 × 0.5 8 mm	4	0515-2145