

Accessories

Selection Guide for Attenuators & Adapters

Selection Guide for Attenuators

Connector Series	Connector Combination	Frequency Range [1]	Mean Power Dissipation [2]	Attenuation (nominal)	Model Number
7-16	male-female	0-2 GHz	5 W	3 dB	716-ATT-03
7-16	male-female	0-2 GHz	5 W	6 dB	716-ATT-06
7-16	male-female	0-2 GHz	5 W	10 dB	716-ATT-10
7-16	male-female	0-2 GHz	5 W	20 dB	716-ATT-20

[1] VSWR: 1.04:1 max. @ 0-1GHz; 1.06:1 max. @ 1-2GHz

[2] At 25°C (77°F) ambient temperature

Selection Guide for Terminations

Connector Series	Connector Combination	Frequency Range	Max. VSWR (Return loss, dB)			Mean Power Disipation [1]	Model Number
			0-1 GHz	1-5 GHz	5-8 GHz		
7-16	male	0-5 GHz	1.02:1 (40)	1.10:1 (26.4)	–	1 W	716-TER-01
7-16	male	0-8 GHz	1.06:1 (30.8)	1.17:1 (22.2)	1.22:1 (20.1)	25 W	716-TER-25
N	male	0-2.5GHz	1.02:1 (40)	1.10:1 (26.4)	–	1 W	N-TER-01
N	male	0-2.5GHz	1.06:1 (30.8)	1.17:1 (22.2)	1.22:1 (20.1)	25 W	N-TER-25

[1] At 25°C (77°F) ambient temperature

Selection Guide for Adapters

Type	Return Loss		Insertion Loss		Material / Finish	Model Number
	f=800-1000MHz	f=1600-2000MHz	f=800-1000MHz	f=1600-2000MHz		
7-16 female - female	>40dB	>40dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716F-716F
7-16 female - male	>45dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716F-716M
7-16 male - male	>45dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716M-716M
7-16 female - female, right angle	>32dB	> 28dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716F-R-716F
7-16 female - male, right angle	>34dB	>32dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716F-R-716M
7-16 male - male, right angle	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716M-R-716M
N female - female	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NF-NF
N female - male	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NF-NM
N male - male	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NM-NM
N female - female, right angle	>24dB	>24dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NF-R-NF
N female - male, right angle	>26dB	>26dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NF-R-NM
N male - male, right angle	>26dB	>26dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NM-R-NM
7-16 male - N male	>40dB	>40dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716M-NM
7-16 female - N male	>40dB	>40dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716F-NM
7-16 male - N female	>40dB	>40dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716M-NF
7-16 female - N female	>40dB	>40dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	716F-NF
N male - SMA male	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NM-SMAM
N male - SMA female	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NM-SMAF
N female - SMA male	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NF-SMAM
N female - SMA female	>40dB	>34dB	≤ 0,02dB	≤ 0,02dB	copper alloy / silver plated	NF-SMAF
Blind cover for 7-16 male						716M-SEAL
Blind cover for 7-16 female						716F-SEAL
Blind cover for N male						NM-SEAL
Blind cover for N female						NF-SEAL

