

RF COAXIAL CONNECTORS

# Adapters

Finder guide



ISO 9001 APPROVED



In the jungle of the very extended family of coaxial connectors, Radiall wants to help you to find the adapters (in-series or between series) you need by using this finder guide.

We categorize the adapters by the following families :

## 50Ω ADAPTERS

- PUSH-ON\*\* adapters (for time savings during testing activity)----- page 3  
*BNC, N, SMA, TNC, 7/16 series*
- Adapters for Radiall proprietary interfaces (needed to connect to your analyzer)----- page 4  
*MC-CARD, Microcllic, MQ (MiniQuick), MMS, MMT, R-MCX\*, UMP series*
- Adapters with high frequency and precision connectors----- page 6  
*standard BMA, N18, PC7, SBMA, SBMO, TNC18 series*
- Adapters with all SMA and QMA series ----- page 7  
*standard SMA (stainless steel), SMA2.4, SMA2.9, SMA3.5, QMA series*
- Adapters with interfaces accepting high power ----- page 8  
*C, HN, LC series*
- Adapters with MCX, MMCX, SMB, SMC, interfaces ----- page 8
- Adapters with N, TNC, 7/16 interfaces ----- page 9
- Adapters with BNC, DIN 1.0/2.3, SSMA, SSMB, UHF interfaces----- page 10

## 75Ω ADAPTERS

- Adapters with interfaces used in public switching networks ----- page 11  
*DIN 1.6/5.6, SMZ, SMZ type 43 series*
- Adapters with interfaces used in MULTIMEDIA / CATV market ----- page 11  
*BNC, MCX, N series*

## PACKAGING

The between-series adapters (R191 -R192) are package by unit. The in-series adapters are package according to standard quantity of packaging of the series.



\* R-MCX means reverse MCX

\*\* PUSH-ON adapters have one sliding mating interface. For more information about PUSH-ON adapters, please ask for our catalog **D1 036DE**.

PUSH-ON connector concept consists of :

- one standard interface that you connect to your test equipment
- one slide-on interface that you connect to the device under test (DUT). This interface connects to screw-on or bayonet connectors.

PUSH-ON connectors allow time saving because there is no screw operation.

As the PUSH-ON adapter connects with the screw or bayonet interface of the DUT, thanks to its slide-on side, it reduces wear and tear.

PUSH-ON adapters offer the same electrical and mechanical properties as standard SMA, BNC, TNC, N, and DIN 7/16 screw-on and bayonet designs for long life.

### PUSH-ON adapters

Push on interface'	BNC		N		SMA		TNC		7/16	
	M	F	M	F	M	F	M	F	M	
<b>BNC</b> F					R191 303 502•	R191 304 502	R191 405 500•			
<b>N</b> M	R191 417 500•	R191 421 500•	R161 792 500•	R161 791 530	R191 325 500•	R191 329 500•				
			R161 791 500							
<b>SMA</b> F					R125 791 501	R125 792 501				
<b>TNC</b> M								R143 713 200•		
<b>7/16</b> F										R185 791 500



P/N : D1 036 DE

• Upon request.





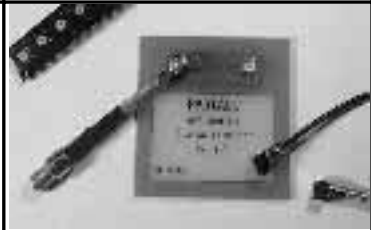
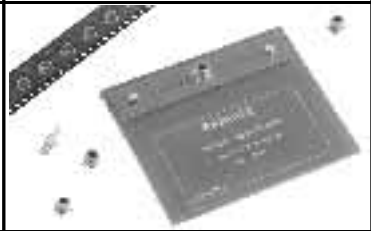

### Adapters for RADIALL proprietary interfaces

		MC Card		Microclic		MQ	
		M	F	M	F	M	F
<b>BNC</b>	M						R191 411 000
	F					R191 413 000	R191 416 000
<b>MQ</b>	M					R225 703 000	R225 770 000•
	F					R225 770 000•	R225 704 000 R225 710 000• R225 718 000 R225 720 000 R225 753 000•
<b>N</b>	M						R191 606 000
	F					R191 603 000	R191 609 000
<b>SMA</b>	F	R191 366 071	R191 366 091				
<b>SMB</b>	M			R191 265 000•	R191 267 000•	R191 225 000•	R191 227 000•
<b>UHF</b>	M						R191 632 000•
	F					R191 630 000•	

		MMS		MMT		R-MCX	UMP		
		M	F	M	F	F	H 2	H 2.6	H 3
<b>MMS</b>	M	R209 307 000 R209 703 030							
<b>MMT</b>	F				R210 703 507•				
<b>SMA</b>	M			R191 391 001	R191 392 027	R191 977 020•			
	F			R191 393 001	R191 394 027	R191 976 020•	R107 009 901	R107 009 902	R107 009 903
<b>SMA 3.5</b>	M	R191 975 761	R191 975 771						
	F	R191 975 781	R191 975 791						

• Upon request.

### RADIALl proprietary interfaces

<b>MC Card</b>	<ul style="list-style-type: none"> <li>• DC - 8 GHz</li> <li>• Microminiature coaxial connectors (Mated height ≤ 3 mm)</li> <li>• Snap-on mating / 5000 matings</li> <li>• Additional options : edge-card &amp; switch functions</li> </ul>	
<b>Microcllic</b>	<ul style="list-style-type: none"> <li>• DC - 1 GHz</li> <li>• Microminiature coaxial connectors (Mated height ≤ 15.1 mm)</li> <li>• Snap-on mating / 500 matings</li> </ul>	
<b>MQ</b>	<ul style="list-style-type: none"> <li>• DC - 4 GHz</li> <li>• Medium coaxial connectors (Mated height ≤ 39.35 mm)</li> <li>• Slide-on or Push pull system / 1000 matings</li> </ul>	
<b>MMS</b>	<ul style="list-style-type: none"> <li>• DC - 6 GHz</li> <li>• Microminiature coaxial connectors (Mated height ≤ 5.2 mm)</li> <li>• Snap-on mating / 50 matings</li> </ul>	
<b>MMT</b>	<ul style="list-style-type: none"> <li>• DC - 8 GHz</li> <li>• Microminiature coaxial connectors (Mated height ≤ 6.9 mm)</li> <li>• Snap-on mating / 500 matings</li> </ul>	
<b>R-MCX</b>	<ul style="list-style-type: none"> <li>• DC - 6 GHz</li> <li>• Miniature coaxial connectors (Mated height ≤ 10.45 mm)</li> <li>• Snap-on mating / 500 or 5000 matings</li> <li>• Additional option □: switch function</li> </ul>	
<b>UMP</b>	<ul style="list-style-type: none"> <li>• DC - 6 GHz</li> <li>• Ultraminiature coaxial connectors (Mated height ≤ 2 mm)</li> <li>• 3 locking systems : lock : 100 matings snap-on : 3000 matings slide-on : 10000 matings</li> <li>• Cost effective solution</li> </ul>	

For any further information, please consult us.

### Adapters with high frequency and precision lines connectors

	Standard BMA		N18		PC 7	SBMO		TNC 18	
	M	F	M	F		M	F	M	F
<b>BMA</b>	M				R191 037 000•				
	F				R191 039 000•				
<b>BNC</b>	M				R191 013 000				
	F				R191 015 000				
<b>C</b>	M				R191 029 000•				
	F				R191 031 000•				
<b>MCX</b>	M				R191 041 000•				
	F				R191 043 000•				
<b>N</b>	M				R191 025 000				
	F				R191 027 000				
<b>N 18</b>	M		R163 703 001• R163 703 701•	R163 708 001 R163 708 701•					
	F		R163 708 001 R163 708 701•	R163 705 001• R163 705 701•					
<b>PC 7</b>	R191 037 000•	R191 039 000•						R191 017 700	R191 019 000•
<b>SBMO</b>	F						R222 705 000		
<b>SMA</b>	M	R191 350 001 R191 354 001•	R191 351 001			R191 009 000			
	F	R191 352 001 R191 355 001	R191 353 001			R191 011 000			R191 314 700
<b>SMA 2.9</b>	M					R191 966 001	R191 967 002		
	F					R191 968 001	R191 969 002		
<b>SMA 3.5</b>	M		R191 324 000	R191 326 000	R191 010 000				
	F		R191 328 000	R191 330 000 R191 333 000	R191 012 000				
<b>SMB</b>	M				R191 005 000•				
	F				R191 007 000•				
<b>SMC</b>	M				R191 001 000•				
	F				R191 003 000•				
<b>SSMA</b>	M				R191 033 000•				
	F				R191 035 000•				
<b>TNC</b>	M				R191 017 000•				
	F				R191 019 000•				
<b>TNC 18</b>	M				R191 017 700			R143 703 700	R143 705 700
	F				R191 019 700•			R143 705 700	R143 704 700
<b>7/16</b>	M				R191 096 000				
	F				R191 096 300•				

		SBMA	
		M	F
<b>SMA</b>	F	R191 362 001• R191 362 121•	R191 363 001• R191 363 451•

• Upon request.

### Adapters with “all SMA” and QMA series

	Standard SMA		SMA 2.4		SMA 2.9		SMA 3.5		QMA	
	M	F	M	F	M	F	M	F	M	F
<b>BMA</b>	M	R191 350 001 R191 354 001*	R191 352 001 R191 355 001							
	F	R191 351 001	R191 353 001							
<b>BNC</b>	M	R191 301 000	R191 305 000							
	F	R191 303 000								
<b>MC-Card</b>	M		R191 366 071							
	F		R191 366 091							
<b>MCX</b>	M		R191 387 000 R191 387 107							
	F	R191 386 000	R191 388 000 R191 977 020*							
<b>MMCX</b>	M		R191 398 020*							
	F		R191 398 090*							
<b>MMS</b>	M						R191 975 761	R191 975 781		
	F						R191 975 771	R191 975 791		
<b>MMT</b>	M	R191 391 001	R191 393 001							
	F	R191 392 027	R191 394 027							
<b>N</b>	M	R191 325 000	R191 329 000							
	F	R191 327 000 R191 377 000	R191 331 000 R191 332 000 R191 334 000 R191 381 000							
<b>N18</b>	M						R191 324 000	R191 328 000		
	F						R191 326 000	R191 330 000 R191 333 000		
<b>PC 7</b>	R191 009 000	R191 011 000					R191 010 000	R191 012 000		
<b>Push-on SMA</b>	M		R125 791 501							
	F		R125 792 501							
<b>QMA</b>	M	R191 910 000	R191 911 000				R191 914 700	R191 916 700	R123 703 000	R123 704 000
	F	R191 912 000	R191 913 000				R191 915 700	R191 917 700	R123 704 000	R123 705 000
<b>R-MCX</b>	F	R191 977 020*	R191 976 020*							
<b>SBMO</b>	M				R191 966 001	R191 968 001				
	F				R191 967 002	R191 969 002				
<b>SMA</b>	M	R125 703 000 R125 703 001	R125 704 000 R125 704 001 R125 771 000 R125 771 001						R191 910 000	R191 912 000
	F	R125 704 000 R125 704 001 R125 771 000 R125 771 001	R125 705 000 R125 706 001 R125 720 000 R125 720 001 R125 753 000 R125 753 001						R191 911 000	R191 913 000
<b>SMA 2.4</b>	M				R191 970 061	R191 970 081				
	F				R191 970 071	R191 970 091				
<b>SMA 2.9</b>	M		R191 970 061	R191 970 071	R127 703 001	R127 704 001				
	F		R191 970 081	R191 970 091	R127 704 001	R127 705 001				
<b>SMA 3.5</b>	M								R191 914 700	R191 916 700
	F								R191 915 700	R191 917 700
<b>SMB</b>	M	R191 200 007	R191 201 007							
	F		R191 203 007							
<b>SSMA</b>	F	R191 347 000	R191 349 000							
<b>SSMB</b>	M	R191 376 000								
	F	R191 374 000								
<b>TNC</b>	M	R191 309 000	R191 313 000							
	F	R191 311 000	R191 315 000 R191 365 000							
<b>TNC 18</b>	F		R191 314 700							
<b>UMP H2</b>			R107 009 901							
	<b>H2.6</b>		R107 009 902							
	<b>H3</b>		R191 009 903							

\* Upon request. For **SBMA** interfaces see page 6, for **1.0/2.3** interface see page 10.

### Adapters with POWER INTERFACES

		C		HN		LC	
		M	F	M	F	M	F
<b>BNC</b>	F	R191 429 000		R191 449 000			
<b>C</b>	M	R166 703 000	R166 770 000		R191 933 000		
	F	R166 770 000	R166 705 000 R166 753 000	R191 931 000•			
<b>HN</b>	M		R191 931 000•		R176 770 000		
	F	R191 933 000		R176 770 000	R176 754 000 R176 754 150•		
<b>LC</b>	M						R181 770 000
	F					R181 770 000	R181 715 000•
<b>N</b>	M		R191 703 000				
	F	R191 705 000	R191 708 000	R191 737 000		R191 745 000	R191 741 000 R191 742 000
<b>PC 7</b>		R191 029 000•	R191 031 000•				
<b>7/16</b>	M		R191 921 000•				

### MCX, MMCX, SMB, SMC interfaces

		MCX		MMCX	SMB		SMC	
		M	F	M	M	F	M	F
<b>BNC</b>	M	R191 471 000•	R191 473 000•		R191 209 000	R191 214 000	R191 117 000	
	F	R191 475 000•	R191 477 000•		R191 211 000 R191 212 000 R191 213 000	R191 215 000 R191 216 000	R191 120 000	R191 123 000 R191 124 000•
<b>MCX</b>	F		R113 704 000 R113 704 020					
<b>Microclik</b>	M					R191 265 000•		
	F					R191 267 000•		
<b>MQ</b>	M				R191 225 000•			
	F				R191 227 000•			
<b>N</b>	M	R191 710 007•	R191 711 007•		R191 233 000 R191 234 000		R191 141 000	
	F	R191 712 007•	R191 713 007•		R191 236 000	R191 239 000	R191 144 000 R191 143 000	R191 147 000
<b>PC 7</b>		R191 041 000•	R191 043 000•		R191 005 000•	R191 007 000•	R191 001 000•	R191 003 000•
<b>SMA</b>	M		R191 386 000		R191 200 007			
	F	R191 387 000 R191 387 107	R191 388 000 R191 977 020•	R191 398 020• R191 398 090•	R191 201 007	R191 203 007		
<b>SMB</b>	M				R114 703 000 R114 720 000 R114 720 020 R114 753 000	R114 754 000•		
	F				R114 754 000•	R114 704 000		
<b>SMC</b>	M						R112 720 000 R112 753 000	
	F							R112 704 000
<b>TNC</b>	F		R191 527 400•					

• Upon request.



### N, TNC, 7/16 interfaces

		N		TNC		7/16	
		M	F	M	F	M	F
<b>BNC</b>	M	R191 417 000	R191 419 000	R191 405 000	R191 403 000		
	F	R191 421 000	R191 422 000 R191 424 000 R191 426 000				
<b>C</b>	M		R191 705 000				
	F	R191 703 000	R191 708 000			R191 921 000 •	
<b>HN</b>	M		R191 737 000				
<b>LC</b>	M		R191 745 000				
	F		R191 741 000 R191 742 000				
<b>MCX</b>	M	R191 710 007 •	R191 712 007 •				
	F	R191 711 007 •	R191 713 007 •		R191 527 400 •		
<b>MQ</b>	M		R191 603 000				
	F	R191 606 000	R191 609 000 •				
<b>N</b>	M	R161 703 000	R161 771 000		R191 513 000	R191 721 000	R191 720 000
	F	R161 771 000	R161 705 000 R161 715 000 R161 730 000 R161 753 000	R191 511 000	R191 514 000	R191 722 000	R191 723 000
<b>PC 7</b>		R191 025 000	R191 027 000	R191 017 000 •	R191 019 000 •	R191 096 000	R191 096 300 •
<b>Push-on BNC</b>	M	R191 417 500 •					
	F	R191 421 500 •					
<b>Push-on N</b>	M	R161 792 500 •	R161 791 500				
	F	R161 791 530					
<b>Push-on SMA</b>	M	R191 325 500 •					
	F	R191 329 500 •					
<b>Push-on TNC</b>	M				R143 713 200 •		
<b>Push-on 7/16</b>	M						R185 791 500
<b>SMA</b>	M	R191 325 000	R191 327 000 R191 377 000	R191 309 000	R191 311 000		
	F	R191 329 000	R191 331 000 R191 332 000 R191 334 000 R191 381 000	R191 313 000	R191 315 000 R191 365 000		
<b>SMB</b>	M	R191 233 000 R191 234 000	R191 236 000				
	F		R191 239 000				
<b>SMC</b>	M	R191 141 000	R191 143 000				
	F		R191 144 000 R191 147 000				
<b>TNC</b>	M		R191 511 000	R143 703 000	R143 770 000		
	F	R191 513 000	R191 514 000	R143 770 000	R143 704 000 R143 710 000 R143 753 000		
<b>UHF</b>	M		R191 733 000				
	F	R191 731 000					
<b>7/16</b>	M	R191 721 000	R191 722 000			R185 703 000 •	R185 707 000
	F	R191 720 000	R191 723 000			R185 707 000	R185 705 000 R185 710 000 •

• Upon request.

## BNC, DIN 1.0/2.3, SSMA, SSMB, UHF interfaces

	BNC		DIN 1.0/2.3		SSMA		SSMB		UHF		
	M	F	M	F	M	F	M	F	M	F	
<b>BNC</b>	M	R141 703 000	R141 770 000								R191 445 000
	F	R141 770 000	R141 704 000 R141 710 000 R141 717 000 R141 720 000 R141 723 000 R141 730 000 R141 753 000							R191 447 000	
<b>C</b>	M		R191 429 000								
	F									R191 921 000	
<b>DIN 1.0/2.3</b>				R118 704 215*							
<b>HN</b>	F		R191 449 000								
<b>MCX</b>	M	R191 471 000*	R191 475 000*								
	F	R191 473 000*	R191 477 000*								
<b>MQ</b>	M	R191 413 000									R191 630 000*
	F	R191 411 000	R191 416 000							R191 632 000*	
<b>N</b>	M	R191 417 000	R191 421 000								R191 731 000
	F	R191 419 000	R191 422 000 R191 424 000 R191 426 000							R191 733 000	
<b>PC7</b>		R191 013 000	R191 015 000			R191 033 000*	R191 035 000*				
<b>Push-on SMA</b>	M		R191 303 502*								
	F		R191 304 502								
<b>Push-on TNC</b>	M		R191 405 500*								
<b>SMA</b>	M	R191 301 000	R191 303 000		R191 369 020*		R191 347 000	R191 376 000	R191 374 000		
	F	R191 305 000		R191 368 020*		R191 349 000					
<b>SMB</b>	M	R191 209 000	R191 211 000 R191 212 000 R191 213 000								
	F	R191 214 000	R191 215 000 R191 216 000								
<b>SMC</b>	M	R191 117 000	R191 120 000								
	F		R191 123 000 R191 124 000*								
<b>TNC</b>	M		R191 405 000								
	F	R191 403 000									
<b>UHF</b>	M		R191 447 000								
	F	R191 445 000									

\* Upon request.

### PUBLIC SWITCHING NETWORKS

		DIN 1.6/5.6		SMZ		SMZ type 43	
		M	F	M	F	M	F
<b>BNC</b>	M	R192 431 000	R192 430 000			R192 486 000 •	
	F	R192 432 000					R192 489 500 •
<b>DIN 1.6/5.6</b>	M	R129 703 215					
	F		R129 704 215				
<b>N</b>	M	R192 775 000	R192 777 000	R192 720 000			
	F	R192 770 000	R192 771 000		R192 722 000		
<b>SMZ type 43</b>	M					R214 721 703 •	

### MULTIMEDIA / CATV

		BNC		MCX		N	
		M	F	M	F	M	F
<b>BNC</b>	M	R142 703 000	R142 770 000		R192 473 007	R192 417 000	R192 419 000
	F	R142 770 000	R142 704 000 R142 710 000 R142 720 000 R142 723 000	R192 475 007		R192 421 000	R192 418 000
<b>MCX</b>	M		R192 475 007				
	F	R192 473 007					
<b>N</b>	M	R192 417 000	R192 421 000			R162 703 000	
	F	R192 419 000	R192 418 000				R162 705 000

• Upon request.