

## Reference Patchcords

F792

**RADIALL**   
The next conneXion



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## INTRODUCTION

Radiall offers a broad range of high performances REFERENCE PATCHCORDS (patchcords and pigtailed) which are manufactured and tested using the latest high technology process. Including reference connectors, they are used as reference for repeatable IL and RL measurements of assemblies and connexions.

### BENEFITS & FEATURES

- 100% optically tested
- Master terminations available in UPC and APC
- Wide variety of standardized connectors (SC, LC, FC)
- Easy identification thanks to a red boot on the master connector
- Standard length : 5 meters (other lengths available upon request)
- Singlemode fiber (multimode fiber available upon request)
- Zirconia ceramic ferrule

All the Reference Patchcords are delivered with measurement sheet and product traceability information.

### OPTICAL PERFORMANCES\*

- Insertion loss: < 0.15 dB (IEC 61300, 3-4 Method B - mated with reference plug)
- Return loss: > 50 dB for UPC / > 60 dB for APC (IEC 61300, 3-6)

### END FACE GEOMETRY\*

- Eccentricity between fiber core and ceramic outer diameter: 0.3 µm
- Eccentricity of spherical polished end face (apex offset): < 30 µm (IEC 61300, 2-40)

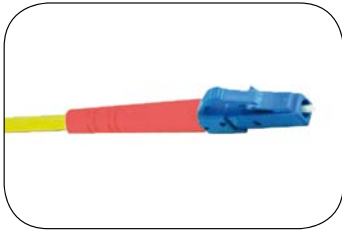
### MECHANICAL & ENVIRONMENTAL CHARACTERISTICS

- Depend on the connector interfaces. Please refer to the relative section of this catalogue (SC, FC, LC).

Please contact Radiall Sales team with your specific requirements for any other configuration.

\*EN 50377-X-Y, Annex A: reference plugs details.

## LC REFERENCE PATCHCORDS



### Patchcords (5m length)

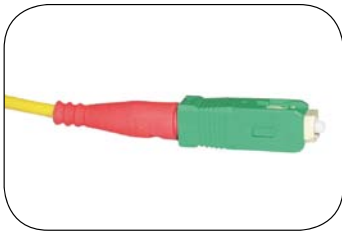
Master Termination		Standard Termination		Part Number
LC	UPC 50 dB	FC	APC 8° «R»	F792 530 801
	UPC 50 dB	SC	UPC 50 dB	F792 510 800

Note: FC APC 8° "R": 2 mm key

### Pigtails (5m length)

Master Termination		Part Number
LC	UPC 50 dB	F792 500 800

## SC REFERENCE PATCHCORDS



### Patchcords (5m length)

Master Termination		Standard Termination		Part Number
SC	UPC 50 dB	FC	UPC 50 dB	F792 130 800
	UPC 50 dB	FC	APC 8° «R»	F792 130 801
	UPC 50 dB	SC	UPC 50 dB	F792 110 800
	APC 8°	SC	UPC 50 dB	F792 111 800
	APC 8°	SC	APC 8°	F792 111 801
	APC 8°	FC	UPC 50 dB	F792 131 800
	APC 8°	FC	APC 8° «R»	F792 131 801

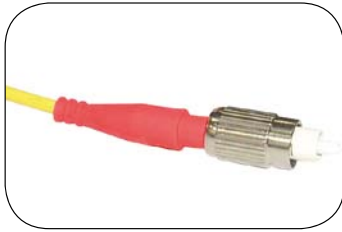
Note: FC APC 8° "R": 2 mm key  
FC UPC 50 dB: 2.14 mm key

### Pigtails (5m length)

Master Termination		Part Number
SC	UPC 50 dB	F792 100 800
	APC 8°	F792 101 800
	APC 9°	F792 102 800

**PRODUCT RANGE**

**FC REFERENCE PATCHCORDS**



**Patchcords (5m length)**

Master Termination		Standard Termination		Part Number
FC	UPC 50 dB	SC	UPC 50 dB	<b>F792 310 800</b>
	UPC 50 dB	FC	UPC 50 dB	<b>F792 330 800</b>
	APC 8° «R»	FC	UPC 50 dB	<b>F792 331 800</b>

*Note: FC APC 8° «R» = 2.00 mm key  
FC UPC = 2.14 mm key*

**Pigtails (5m length)**

Master Termination		Part Number
FC	UPC 50 dB	<b>F792 300 800</b>
	APC 8° «R»	<b>F792 301 800</b>
	APC 9° «R»	<b>F792 302 800</b>

*Note: FC APC 8° «R»: 2 mm key  
FC UPC 50 dB: 2.14 mm key*



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## EUROPE

### France - RADIALL S.A.

101, Rue Ph. Hoffmann  
93116 ROSNY sous BOIS (Paris)  
Tel.: +33 1 49 35 35 35 - Fax: +33 1 48 54 63 63  
E-Mail: info@radiall.com

### Finland - RADIALL SF

P.O. Box 202 - 90101 OULU  
Tel.: +358 407 522 412  
E-Mail: infofi@radiall.com

### Germany - RADIALL GmbH

Carl-Zeiss Str. 10 Postfach 200143  
D63307 - RÖDERMARK (Frankfurt)  
Tel.: +49 60 74 91 07 0 - Fax: +49 60 74 91 07 70  
E-Mail: infode@radiall.com

### Italy - RADIALL Elettronica S.R.L.

Via Concordia, 5 - 20090 ASSAGO MILANO  
Tel.: +39 02 48 85 121 - Fax: +39 02 48 84 30 18  
E-Mail: infoit@radiall.com  
Regional office: Roma

### Netherlands - RADIALL B.V.

Hogebrinkerweg 15b - 3871 KM HOEVELAKEN  
Tel.: +31 33 253 40 09 - Fax: +31 33 253 45 12  
E-Mail: infonl@radiall.com

### Sweden - RADIALL A.B.

Sjöängsvägen 2 - SE-192 72 SOLLENTUNA (Stockholm)  
Tel.: +46 844 434 10 - Fax: +46 875 449 16  
E-Mail: infose@radiall.com

### U.K. - RADIALL Ltd.

Ground Floor, 6 The Grand Union Office Park,  
Packet Boat Lane  
UXBRIDGE Middlesex UB8 2GH (London)  
Tel.: +44 1895 425 000 - Fax: +44 1895 425 010  
E-Mail: infouk@radiall.com

## NORTH AMERICA

### USA - RADIALL USA, Inc.

6825 West Galveston Street  
CHANDLER, Arizona 85226  
Tel.: +1 480 682 9400 - Fax: +1 480 682 9403  
E-Mail: infousa@radiall.com

## ALSO REPRESENTED IN

Australia	Hungary	Poland
Austria	Indonesia	Russia
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Greece	Norway	Vietnam
	Philippines	South Africa

For the above countries, please contact the local agent or RADIALL at info@radiall.com

## ASIA

### China - SHANGHAI RADIALL Electronic Co., Ltd.

N° 390 Yong He Road 200072 - SHANGHAI  
Tel.: +86 21 66 52 37 88 - Fax: +86 21 66 52 11 77  
E-Mail: infosh@radiall.com

### Japan - NIHON RADIALL

Shibuya-ku Ebisu 1-5-2, Kougetsu Bldg 405  
TOKYO 150-0013  
Tel.: +81 3 3440 6241 - Fax: +81 3 3440 6242  
E-Mail: infojp@radiall.com

### Hong Kong - RADIALL Electronics Ltd.

Flat D, 6/F, Ford Glory Plaza,  
37-39 Wing Hong Street  
Cheung Sha Wan  
KOWLOON HONG KONG  
Tel.: +852-2959-3833 - Fax: +852-2959-2636  
E-Mail: infohk@radiall.com

### India - RADIALL India Pvt. Ltd.

25 D, II Phase, Peenya Industrial Area  
BANGALORE 560058  
Tel.: +91 80 83 95 271 - Fax: +91 80 83 97 228  
E-Mail: infoin@radiall.com

