

FIBER OPTIC CABLE ASSEMBLIES



**ECO RANGE**

**RADIALL**   
The next connexion

## PIGTAILS

Set of 12 colored pigtails / 900µm / 2 meters length			
Color buffer : RED / GREEN / BLUE / YELLOW / WHITE / GREY / BROWN / PURPLE / AQUA / BLACK / ORANGE / PINK			

Connector	Fiber type	Part Number
SCUPC	Singlemode 9/125	ESC9X12C09S2M
SCAPC	Singlemode 9/125C	ESCA9X12C09S2M
SC	Multimode 50/125	ESC50X12C09S2M
SC	Multimode 62,5/125	ESC62X12C09S2M
LCUPC	Singlemode 9/125	ELC9X12C09S2M
LCAPC	Singlemode 9/125C	ELCA9X12C09S2M
LC	Multimode 50/125	ELC50X12C09S2M
LC	Multimode 62,5/125	ELC62X12C09S2M

Unit pigtail / 900µm / 2 meters length			
--	--	--	--

Connector	Color buffer	Fiber type	Part Number
LC	green	Multimode 50/125	ELC50XC092M
LC	blue	Multimode 62,5/125	ELC62XC092M
LCUPC	yellow	Singlemode 9/125	ELC9XC092M
LCAPC	yellow	Singlemode 9/125	ELCA9XC092M
SC	green	Multimode 50/125	ESC50XC092M
SC	blue	Multimode 62,5/125	ESC62XC092M
SCUPC	yellow	Singlemode 9/125	ESC9XC092M
SCAPC	yellow	Singlemode 9/125	ESCA9XC092M
ST	green	Multimode 50/125	EST50XC092M
ST	blue	Multimode 62,5/125	EST62XC092M
ST	yellow	Singlemode 9/125	EST9XC092M

## ADAPTORS

### SC

Part number	Alignment sleeve	Color (for plastic shells)	type
EF728703800	PH/BR	beige	simplex
EF728703000	Ceraluc	blue	simplex
EF728703100	Ceramic	b-green	simplex
EF728743800	PH/BR	beige	duplex
EF728743000	Ceraluc	blue	duplex
EF728743100	Ceramic	B-green	duplex

### LC

Part number	Alignment sleeve	Color (for plastic shells)	type	
EF727752800	PH/BR	beige	duplex	SC
EF727752000	CERAM	blue	duplex	SC
EF727751802	PH/BR	beige	duplex	RJ45/LP

### ST

Part number	Alignment sleeve	Color (for plastic shells)	type
EF709722000	PH/BR		simplex
EF709730000	CERAM		simplex



## DUPLEX PATCHCORDS

Connector	Length (meters)	LC / LC DUPLEX Multimode 50/125 Cable 2x2mm dia	LC / LCDUPLEX Multimode 62,5/125 Cable 2x2mm dia	LCUPC / LCUPC DUPLEX Singlemode 9/125 Cable 2x2mm dia	LCAPC / LCAPC DUPLEX Singlemode 9/125 Cable 2x2mm dia
LC to LC	1	ELC50LCC2D1M	ELC62LCC2D1M	ELC9LCC2D1M	ELCA9LCAC2D1M
	2	ELC50LCC2D2M	ELC62LCC2D2M	ELC9LCC2D2M	ELCA9LCAC2D2M
	3	ELC50LCC2D3M	ELC62LCC2D3M	ELC9LCC2D3M	ELCA9LCAC2D3M
	5	ELC50LCC2D5M	ELC62LCC2D5M	ELC9LCC2D5M	ELCA9LCAC2D5M
	10	ELC50LCC2D10M	ELC62LCC2D10M	ELC9LCC2D10M	ELCA9LCAC2D10M
	15	ELC50LCC2D15M	ELC62LCC2D15M	ELC9LCC2D15M	ELCA9LCAC2D15M

Connector	Length (meters)	SC/SCDUPLEX Multimode 50/125 Cable 2x3mm dia	SC/SC DUPLEX Multimode 62,5/125 Cable 2x3mm dia	SCUPC / SCUPC DUPLEX Singlemode 9/125 Cable 2x3mm dia	SCAPC /SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia
SC to SC	1	ESC50SCC3D1M	ESC62SCC3D1M	ESC9SCC3D1M	ESCA9SCAC3D1M
	2	ESC50SCC3D2M	ESC62SCC3D2M	ESC9SCC3D2M	ESCA9SCAC3D2M
	3	ESC50SCC3D3M	ESC62SCC3D3M	ESC9SCC3D3M	ESCA9SCAC3D3M
	5	ESC50SCC3D5M	ESC62SCC3D5M	ESC9SCC3D5M	ESCA9SCAC3D5M
	10	ESC50SCC3D10M	ESC62SCC3D10M	ESC9SCC3D10M	ESCA9SCAC3D10M
	15	ESC50SCC3D15M	ESC62SCC3D15M	ESC9SCC3D15M	ESCA9SCAC3D15M

Connector	Length (meters)	ST/ST DUPLEX M ultimode 50/125 Cable 2x3mm dia	ST/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia	ST/ST DUPLEX Singlemode 9/125 Cable 2x3mm dia
ST to ST	1	EST50STC3D1M	EST62STC3D1M	EST9STC3D1M
	2	EST50STC3D2M	EST62STC3D2M	EST9STC3D2M
	3	EST50STC3D3M	EST62STC3D3M	EST9STC3D3M
	5	EST50STC3D5M	EST62STC3D5M	EST9STC3D5M
	10	EST50STC3D10M	EST62STC3D10M	EST9STC3D10M
	15	EST50STC3D15M	EST62STC3D15M	EST9STC3D15M

Connector	Length (meters)	SC/ST DUPLEX Multimode 50/125 Cable 2x3mm dia	SC/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia	SCUPC/ST DUPLEX Singlemode Cable 2x3mm dia
SC to ST	1	ESC50STC3D1M	ESC62STC3D1M	ESC9STC3D1M
	2	ESC50STC3D2M	ESC62STC3D2M	ESC9STC3D2M
	3	ESC50SCC3D3M	ESC62STC3D3M	ESC9STC3D3M
	5	ESC50STC3D5M	ESC62STC3D5M	ESC9STC3D5M
	10	ESC50STC3D10M	ESC62STC3D10M	ESC9STC3D10M
	15	ESC50STC3D15M	ESC62STC3D15M	ESC9STC3D15M

Connector	Length (meters)	SC/LC DUPLEX Multimode 50/125 Cable 2x2mm dia	SC/LC DUPLEX Multimode 62,5/125 Cable 2x2mm dia	SCUPC/LCUPC DUPLEX Singlemode 9/125 Cable 2x2mm dia
SC to LC	1	ESC50LCC2D1M	ESC62LCC2D1M	ESC9LCC2D1M
	2	ESC50LCC2D2M	ESC62LCC2D2M	ESC9LCC2D2M
	3	ESC50LCC2D3M	ESC62LCC2D3M	ESC9LCC2D3M
	5	ESC50LCC2D5M	ESC62LCC2D5M	ESC9LCC2D5M
	10	ESC50LCC2D10M	ESC62LCC2D10M	ESC9LCC2D10M
	15	ESC50LCC2D15M	ESC62LCC2D15M	ESC9LCC2D15M

Connector	Length (meters)	SCUPC/SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia
SCUPC to SCAPC	1	ESC9SCA3CD1M
	2	ESC9SCA3CD2M
	3	ESC9SCA3CD3M
	5	ESC9SCA3CD5M
	10	ESC9SCA3CD10M
	15	ESC9SCA3CD15M

## SIMPLEX PATCHCORDS

Connector	Length (meters)	LC / LCSIMPLEX Multimode 50/125 Cable 2x2mm dia	LC / LC SIMPLEX Multimode 62,5/125 Cable 2x2mm dia	LCUPC / LCUPC SIMPLEX Singlemode 9/125 Cable 2x2mm dia	LCAPC / LCAPC SIMPLEX Singlemode 9/125 Cable 2x2mm dia
LC to LC	1	ELC50LCC2S1M	ELC62LCC2S1M	ELC9LCC2S1M	ELCA9LCAC2S1M
	2	ELC50LCC2S2M	ELC62LCC2S2M	ELC9LCC2S2M	ELCA9LCAC2S2M
	3	ELC50LCC2S3M	ELC62LCC2S3M	ELC9LCC2S3M	ELCA9LCAC2S3M
	5	ELC50LCC2S5M	ELC62LCC2S5M	ELC9LCC2S5M	ELCA9LCAC2S5M
	10	ELC50LCC2S10M	ELC62LCC2S10M	ELC9LCC2S10M	ELCA9LCAC2S10M
	15	ELC50LCC2S15M	ELC62LCC2S15M	ELC9LCC2S15M	ELCA9LCAC2S15M

Connector	Length (meters)	SC/SC SIMPLEX Multimode 50/125 Cable 2x3mm dia	SC/SC DUPLEX Multimode 62,5/125 Cable 2x3mm dia	SCUPC / SCUPC DUPLEX Singlemode 9/125 Cable 2x3mm dia	SCAPC /SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia
SC to SC	1	ESC50SCC3S1M	ESC62SCC3S1M	ESC9SCC3S1M	ESCA9SCAC3S1M
	2	ESC50SCC3S2M	ESC62SCC3S2M	ESC9SCC3S2M	ESCA9SCAC3S2M
	3	ESC50SCC3S3M	ESC62SCC3S3M	ESC9SCC3S3M	ESCA9SCAC3S3M
	5	ESC50SCC3S5M	ESC62SCC3S5M	ESC9SCC3S5M	ESCA9SCAC3S5M
	10	ESC50SCC3S10M	ESC62SCC3S10M	ESC9SCC3S10M	ESCA9SCAC3S10M
	15	ESC50SCC3S15M	ESC62SCC3S15M	ESC9SCC3S15M	ESCA9SCAC3S15M

Connector	Length (meters)	ST/ST DUPLEX M ultimode 50/125 Cable 2x3mm dia	ST/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia	ST/ST DUPLEX Singlemode 9/125 Cable 2x3mm dia
ST to ST	1	EST50STC3S1M	EST62STC3S1M	EST9STS3S1M
	2	EST50STC3S2M	EST62STC3S2M	EST9STS3S2M
	3	EST50STC3S3M	EST62STC3S3M	EST9STS3S3M
	5	EST50STC3S5M	EST62STC3S5M	EST9STS3S5M
	10	EST50STC3S10M	EST62STC3S10M	EST9STS3S10M
	15	EST50STC3S15M	EST62STC3S15M	EST9STS3S15M

Connector	Length (meters)	SC/ST DUPLEX Multimode 50/125 Cable 2x3mm dia	SC/ST DUPLEX Multimode 62,5/125 Cable 2x3mm dia	SCUPC/ST DUPLEX Singlemode Cable 2x3mm dia
SC to ST	1	ESC50STC3S1M	ESC62STC3S1M	ESC9STC3S1M
	2	ESC50STC3S2M	ESC62STC3S2M	ESC9STC3S2M
	3	ESC50STC3S3M	ESC62STC3S3M	ESC9STC3S3M
	5	ESC50STC3S5M	ESC62STC3S5M	ESC9STC3S5M
	10	ESC50STC3S10M	ESC62STC3S10M	ESC9STC3S10M
	15	ESC50STC3S15M	ESC62STC3S15M	ESC9STC3S15M

Connector	Length (meters)	SC/LC DUPLEX Multimode 50/125 Cable 2x2mm dia	SC/LC DUPLEX Multimode 62,5/125 Cable 2x2mm dia	SCUPC/LCUPC DUPLEX Singlemode 9/125 Cable 2x2mm dia
SC to LC	1	ESC50LCC2S1M	ESC62LCC2S1M	ESC9LCC2S1M
	2	ESC50LCC2S2M	ESC62LCC2S2M	ESC9LCC2S2M
	3	ESC50LCC2S3M	ESC62LCC2S3M	ESC9LCC2S3M
	5	ESC50LCC2S5M	ESC62LCC2S5M	ESC9LCC2S5M
	10	ESC50LCC2S10M	ESC62LCC2S10M	ESC9LCC2S10M
	15	ESC50LCC2S15M	ESC62LCC2S15M	ESC9LCC2S15M

Connector	Length (meters)	SCUPC/SCAPC DUPLEX Singlemode 9/125 Cable 2x3mm dia
SCUPC to SCAPC	1	ESC9SCA3CS1M
	2	ESC9SCA3CS2M
	3	ESC9SCA3CS3M
	5	ESC9SCA3CS5M
	10	ESC9SCA3CS10M
	15	ESC9SCA3CS15M

## General

	SC	LC	ST
Connector standard	IEC 61754-4	IEC 61754-20	IEC 1754-2
Duplex clip	Removable	Removable	-
Mechanical endurance	200 matings	200 matings	500 matings

## Cable structure

Cable	2mm/3mm cable dia.	900µm buffer
	Tight	Loose

## Optical, environmental and mechanical performance

Insertion loss (mated with reference plug according to IEC61300-3-4)	0.5 dB		
Return losses	Multimode PC > 20 dB	Singlemode UPC > 50dB	Singlemode APC > 60dB
Temperature range (storage and operating)	- 20°C / +70°C		
Cable retention	Buffer : 7N	2mm cable : 68 N	3mm cable : 100 N

## Identification color boots

	Simplex			Duplex		
	Multimode	Singlemode UPC	Singlemode APC	Multimode	Singlemode UPC	Singlemode APC
LC	Beige	Blue	Green	Black / Red	Black / Blue	Black / Green
SC	Beige	Blue	Green	Black / Red	Black / Blue	Black / Green
ST	Black	Blue	-	Black / Red	Black / Red	-



AEROSPACE



AUTOMOTIVE



DEFENSE



INDUSTRIAL



INSTUMENTATION



MEDICAL



SPACE



TELECOM

## EUROPE

### France - RADIALL Headquarters

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: infofl@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 Suite 11  
CHANDLER, Arizona 85226  
Tel.: +1 480 682 9400 - Fax: +1 480 682 9403  
E-Mail: infousa@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

### HongKong - 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 PROTECTRON 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

## ALSO REPRESENTED IN

Australia	Hungary	Poland
Austria	Indonesia	Russia
Belgium	Israel	Singapore
Brazil	Korea	Spain
Czech Republic	Latvia	Switzerland
Denmark	Lithuania	Taiwan
Estonia	Malaysia	Thailand
Greece	Norway	Vietnam
	Philippines	South Africa

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