

STANDARD COAXIAL CONNECTORS



Eco 7/16 series

RADIAL 
The next conneXion

INTRODUCTION

GENERAL

- Standard coaxial connectors
- Screw on coupling
- Compliant to CECC and IEC standards
- 50 Ω

APPLICATIONS

- Broadcast
- RF components (filters, amplifiers, etc....)
- Antennas
- Wireless communications

ELECTRICAL AND MECHANICAL CHARACTERISTICS

Impedance	50 Ω
Frequency range	DC - 3 GHz
Typical VSWR (straight connectors) (right angle connectors)	1.10 max at 3 GHz 1.20 max at 3 GHz
Temperature range	- 40°C to + 85°C
Mating cycles	100

MATERIAL

Connector body	Brass
Insulator	PTFE
Female center contact	Bronze / Brass
Male center contact	Brass
Outer contact	Brass

PLATING

Body	BBR* / Silver
Center contact	Silver
Outer contact	BBR* / Silver
Coupling nut	BBR*

PACKAGING

Packaging / MOQ ⁽¹⁾	20 pieces bulk / MOQ 100 pieces Unit packaging / MOQ 10 pieces
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*BBR = Bright Bronze Radiall
⁽¹⁾MOQ = Minimum Order Quantity

STRAIGHT PLUG, CLAMP TYPE, FOR FLEXIBLE CABLES



Cable group	Cable group dia.	Part number	Packaging
RG213/214/225	10 + 11/50S + D	R185A 010 000	20 pieces

STRAIGHT PLUGS, EZ FIT TYPE, FOR CORRUGATED CABLES



Fig. 1



Fig. 2

Cable group	Part number	Fig.	Packaging
1/4" Super flexible corrugated	R185A 030 200	1	20 pieces
1/2" Super flexible corrugated	R185A 031 200	1	20 pieces
3/8" Super flexible corrugated	R185A 032 200	1	20 pieces
1/2" Flexible corrugated	R185A 031 020W	2	1 piece
7/8" Flexible corrugated	R185A 033 020W	2	1 piece
1 1/4" Flexible corrugated	R185A 035 020W	2	1 piece
1 5/8" Flexible corrugated	R185A 037 020W	2	1 piece

For unit packaging: add "W" after the P/N, Ex: R185A 030 200W.

Please refer to the corresponding Technical Data Sheets for information on crimp tools, stripping dimensions and panel drilling instructions.

RIGHT ANGLE PLUG, CLAMP TYPE, FOR FLEXIBLE CABLES



Cable group	Cable group dia.	Part number	Packaging
RG213/214/225	10 + 11/50S + D	R185A 160 000	20 pieces

RIGHT ANGLE PLUGS, EZ FIT TYPE, FOR CORRUGATED CABLES



Cable group	Part number	Packaging
1/4 " Super flexible corrugated	R185A 164 200	20 pieces
1/2 " Super flexible corrugated	R185A 165 200	20 pieces
3/8 " Super flexible corrugated	R185A 166 200	20 pieces

RIGHT ANGLE PLUG, CRIMP TYPE, FOR FLEXIBLE CABLE



Cable group	Cable group dia.	Part number	Packaging
RG213	10/50S	R185A 174 000	20 pieces

STRAIGHT JACKS, EZ FIT TYPE, FOR CORRUGATED CABLES



Cable group	Part number	Packaging
1/2" Flexible corrugated	R185A 216 020W	1 piece
7/8" Flexible corrugated	R185A 218 020W	1 piece
1 1/4" Flexible corrugated	R185A 220 020W	1 piece
1 5/8" Flexible corrugated	R185A 222 020W	1 piece

STRAIGHT BULKHEAD JACK, CLAMP TYPE, FOR FLEXIBLE CABLES



Cable group	Cable group dia.	Part number	Note	Packaging
RG213/214/225	10 + 11/50S + D	R185A 310 000	Rear mount, captivated center contact	20 pieces

STRAIGHT BULKHEAD JACKS, EZ FIT TYPE, FOR CORRUGATED CABLES



Cable group	Part number	Note	Packaging
1/4" Super flexible corrugated	R185A 315 200	Rear mount, captivated center contact	20 pieces
1/2" Super flexible corrugated	R185A 316 200	Rear mount, captivated center contact	20 pieces
3/8" Super flexible corrugated	R185A 317 200	Rear mount, captivated center contact	20 pieces

IN SERIES ADAPTER



Part number	Note	Packaging
R185A 770 000W	Male - female	1 piece

For unit packaging: add "W" after the P/N, Ex: R185A 030 200W.
Please refer to the corresponding Technical Data Sheets for information on crimp tools, stripping dimensions and panel drilling instructions.



AEROSPACE



AUTOMOTIVE



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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

USA - RADIALL AEP, Inc.

104 John W. Murphy Drive
NEW HAVEN, Connecticut 06513
Tel.: +1 203 776 2813 - Fax: +1 203 776 8294
E-Mail: aepsales@radiall.com

ALSO REPRESENTED IN

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

Elite Industrial Centre, Room 212, 2/F
N° 883 Cheung Sha Wan Road
KOWLOON HONG KONG
Tel.: +852 29 59 38 33 - Fax: +852 29 59 26 36
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