

STANDARD COAXIAL CONNECTORS



Eco 7/16 series

RADIALL 
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



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.

PLUGS, JACKS, AND ADAPTER

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



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ALSO REPRESENTED IN

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Estonia	Malaysia	Thailand
Greece	Norway	Vietnam
	Philippines	South Africa

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

This information is intended as a guide only. To ensure a continuing policy of product improvement, Radiall reserves the right to modify its specifications without prior notification.

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