

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  $\Omega$

## APPLICATIONS

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

## ELECTRICAL AND MECHANICAL CHARACTERISTICS

Impedance	50 $\Omega$
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 <sup>(1)</sup>	20 pieces bulk / MOQ 100 pieces Unit packaging / MOQ 10 pieces
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\*BBR = Bright Bronze Radiall  
<sup>(1)</sup>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.