



Excellent QUALITY / price ratio, for video communication, data communication, instrumentation, telecommunication, portable radio systems, security systems, antenna systems, automotive industry and broadcast application... Commercial BNC connectors are intermateable with all 50 and 75Ω BNC connectors.

ELECTRICAL CHARACTERISTICS

Impedance	50 Ω and 75 Ω
Operating frequency	DC to 1.5 GHz
V.S.W.R. typical (1.5 GHz)	
<i>Straight models</i>	
∅ 2.6	1.21
∅ 5	1.14
∅ 6	1.05
<i>Right angle models</i>	
∅ 5 & ∅ 6	1.17
Testing voltage (V.R.M.S)	1500
Operating voltage (V R.M.S)	500
Insulation resistance (MΩ)	5000
Contact resistance (mΩ)	10

MECHANICAL CHARACTERISTICS

Durability	100 mating
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MATERIALS

Male and female bodies	Brass
Coupling nut	Die cast zinc
Outer contact	Brass
Insulators	Polypropylene
Male and female center contacts	Brass

PLATING

Bodies	Nickel
Center contact	Gold

ENVIRONMENTAL CHARACTERISTICS

Temperature range	-35°C + 70°C
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Standard packaging : 100 unit box. Unit packaging : add W after the P/N. Ex. : **R141 007 161W**.

PLUGS, CRIMP & CLAMP TYPE FOR FLEXIBLE CABLES

Straight plug clamp type			Straight plug crimp type				Right angle plug crimp type		
Cable	Part number	Imp.	Cable	Part number	Imp.	dim.A	Cable	Part number	Imp.
5 /50/ S+D	R141 007 161	50	2.6 /50/ S	R141 075 161	50	30	2.6 /50/ S	R141 181 161	50
6 /75/ S	R142 016 161	75	5 /50/ S	R141 082 161	50	28	5 /50/ S	R141 182 161	50
			2.6 /75/ S	R142 076 161	75	31	6 /75/ S	R142 184 161	75
			3.8 /93/ S	R142 078 161	75	30			
			6 /75/ S	R142 085 161	75	28			

JACKS, FULL CRIMP TYPE FOR FLEXIBLE CABLES

Straight jack			Square flange jack			Bulkhead jack		
Cable	Part number	Imp.	Cable	Part number	Imp.	Cable	Part number	Imp.
5 /50/ S	R141 237 161	50	6 /75/ S	R142 295 161	75	5 /50/ S	R141 332 161	50
6 /75/ S	R142 242 161	75				6 /75/ S	R142 334 161	75

All dimensions are given in mm.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R141332161W](#) [R142016161W](#) [R142184161W](#) [R141237161W](#) [R141182161W](#) [R142242161W](#) [R141181161W](#)