Amphenol® RF

Global RF Solutions

1.0/2.3

FEATURES & BENEFITS

Push-pull coupling with patented locking mechanism allows quick installation; will not disconnect during trouble shooting.

Push-pull offers safe coupling; locking mechanism will not vibrate loose as threaded connectors are prone to do.

Push-pull connectors can be more densely packed saving panel space in components that are shrinking in size.

APPLICATIONS

Base Stations
Cable Assemblies
Components (Filters, Amplifiers, Combiners)
Datacom
Routers
Switching Equipment
Telecom

1.0/2.3 Connectors

1.0/2.3 Connectors

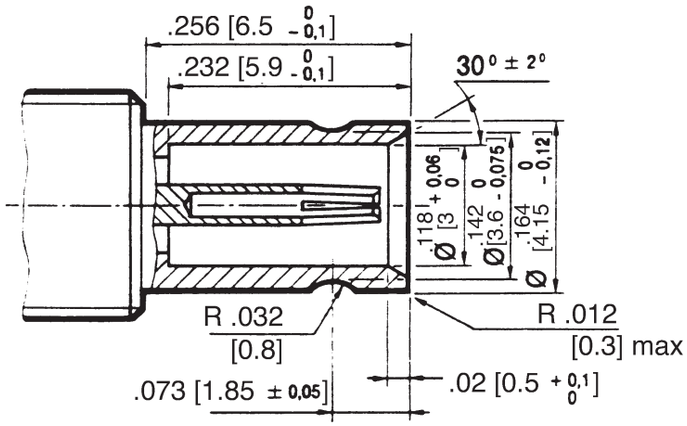
The compact European design of the 1.0/2.3 series permits dense connector packing; they are ideally suited to applications where space limitation is a factor. Versions are available with threaded coupling mechanisms which provide positive mating or a unique push-pull coupling system which allows quick installation. The Amphenol push-pull process is patented and ensures positive locking.

Amphenol 1.0/2.3 coaxial connectors operate from 0-10 GHz. This series complies with DIN 41626, DIN 47297, and NFC 93-571 international specifications.

Specifications

Electrical	
Impedance	50 Ω
Frequency Range	0-10 GHz
Voltage Rating	250 volts peak
Contact Resistance	Center contact: 6 mili Ω: Outer contact: 3 mili Ω
Insulation Resistance	10,000 megaohms
Mechanical	
Mating	Slide-on, push-pull, threaded
Braid/Jacket Cable Affixment	Hex crimp
Center Conductor Cable Affixment	Crimp or solder
Captivated Contacts	All crimps
Material	
Male Contact	Brass center gold plated, Beryllium copper outer gold plated
Female Contact	Beryllium copper center
Insulator	Teflon
Crimp Ferrule	Copper alloy
Environmental	
Temperature Range	-40˚ C to + 155˚ C
Connector Durability	500 matings

Plug



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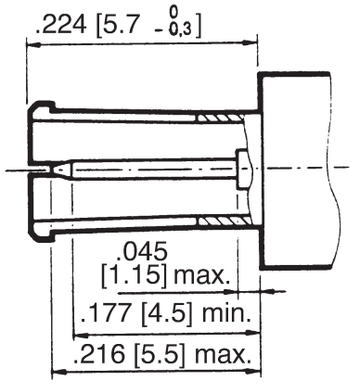

Rev. C

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