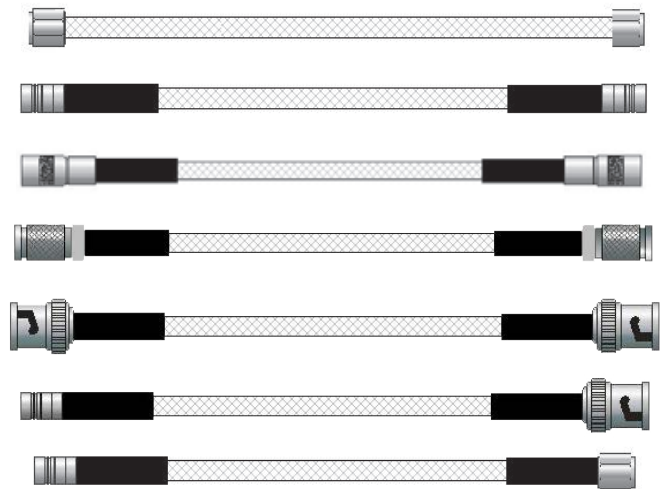


## RF Cable Assemblies

- Range of 50 and 75 Ohm Cable Assemblies
- Wide Variety of Connector Styles
- Available in Standard and Custom Lengths

To complement our extensive range of PXI, LXI, PCI, VXI and GPIB switching products Pickering Interfaces offers a range of RF cable assemblies that interface with the user connectors provided. We have connection solutions for all our RF switching products. All cable assemblies are made from high quality materials and use best practice assembly methods to ensure the cabling matches the performance of the switching modules they support.

In addition to standard cable assemblies we can also offer inter-series cable assemblies that convert from one connector style to another. This is particularly useful when converting from the high density connector systems used on some switch solutions to the more commonly found larger connectors used on bench and user equipment.



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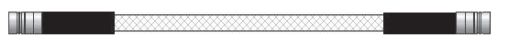
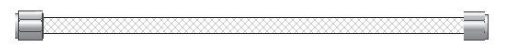






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### Cable Lengths and Ordering

**Note:** All cable assemblies are offered in the following standard lengths: 0.1m, 0.25m, 0.5m, 1m and 2m. Other lengths are available as requested by customers.

When ordering please specify cables as: 'Part Number-\*m' where \*m is the length in metres.  
ie. 40-977-544-0.5m















## Cable Assemblies

50 Ohm Cable Assemblies						
Part No.	End 1 Connector 1	End 2 Connector 2	Type of Coaxial Cable	Maximum Frequency	Cable Attenuation	Cable O/D
40-977-501-*m	BNC Plug	BNC Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						
40-977-511-*m	SMB Plug (Female)	SMB Plug (Female)	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						
40-977-521-*m	SMA Plug	SMA Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						
40-977-541-*m	uWave SMA Plug	uWave SMA Plug	RG402	18GHz	2.1dB/m @18GHz	3.6mm
						
40-977-542-*m	uWave SMA Plug	uWave SMA Plug	RG402	26.5GHz	2.8dB/m @28GHz	3.6mm
						
40-977-543-*m	uWave SMA 3.5 Plug	uWave SMA 3.5 Plug	RG402	26.5GHz	3.2dB/m @33GHz	3.6mm
						
40-977-544-*m	uWave SMA 2.92 Plug	uWave SMA 2.92 Plug	RG405	40GHz	4.35dB/m @45GHz	2.2mm
						
40-977-546-*m	uWave SMA 1.85 Plug	uWave SMA 1.85 Plug	RG405	67GHz	5.4dB/m @67GHz	2.2mm
						
40-977-561-*m	MCX Plug	MCX Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						

### Compatibility:






**Note:** SMA 1.85 connectors are fully compatible with 50GHz rated SMA 2.4 connectors.

## Cable Assemblies




75 Ohm Cable Assemblies						
Part No.	End 1 Connector 1	End 2 Connector 2	Type of Coaxial Cable	Maximum Frequency	Cable Attenuation	Cable O/D
40-977-701-*m	75Ω BNC Plug 	75Ω BNC Plug 	RG179	1GHz	0.9dB/m @1GHz	2.54mm
40-977-711-*m	75Ω SMZ / Type 43 Plug 	75Ω SMZ / Type 43 Plug 	RG179	3GHz	1.8dB/m @3GHz	2.54mm
40-977-731-*m	75Ω 1.0/2.3 Plug 	75Ω 1.0/2.3 Plug 	RG179	3GHz	1.8dB/m @3GHz	2.54mm
40-977-751-*m	75Ω Mini SMB Plug (Female) 	75Ω Mini SMB Plug (Female) 	RG179	2GHz	1.3dB/m @2GHz	2.54mm
40-977-761-*m	75Ω MCX Plug 	75Ω MCX Plug 	RG179	3GHz	1.8dB/m @3GHz	2.54mm
40-977-781-*m	75Ω F Type Plug 	75Ω F Type Plug 	GTX-100-75Ω	1GHz	0.2dB/m @1GHz	6.7mm
40-977-791-*m	75Ω 1.6/5.6 Plug 	75Ω 1.6/5.6 Plug 	RG179	3GHz	1.8dB/m @3GHz	2.54mm

## Cable Adaptor Assemblies

### 50 Ohm RF Cable Adaptor Assemblies

Part No.	End 1 Connector 1	End 2 Connector 2	Type of Coaxial Cable	Maximum Frequency	Cable Attenuation	Cable O/D
40-978-501-*m	50Ω SMB Plug (Female)	50Ω BNC Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						
40-978-511-*m	50Ω BNC Plug	50Ω SMA Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						
40-978-521-*m	50Ω SMB Plug (Female)	50Ω SMA Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						
40-978-571-*m	50Ω N Type Plug	50Ω SMA Plug	RG402	11GHz	1.6dB/m @12GHz	3.6mm
						
40-978-581-*m	50Ω BNC Plug	50Ω MCX Plug	RG316	3GHz	1.9dB/m @3GHz	2.59mm
						

### 75 Ohm RF Cable Adaptor Assemblies

Part No.	End 1 Connector 1	End 2 Connector 2	Type of Coaxial Cable	Maximum Frequency	Cable Attenuation	Cable O/D
40-978-701-*m	75Ω Mini SMB Plug (Female)	75Ω BNC Plug	RG179	1GHz	0.9dB/m @1GHz	2.54mm
						
40-978-711-*m	75Ω Mini SMB Plug (Female)	75Ω SMZ/Type 43 Plug	RG179	2GHz	1.3dB/m @2GHz	2.54mm
						
40-978-731-*m	75Ω Mini SMB Plug (Female)	75Ω 1.0/2.3 Plug	RG179	2GHz	1.3dB/m @2GHz	2.54mm
						
40-978-781-*m	75Ω BNC Plug	75Ω MCX Plug	RG179	2GHz	1.3dB/m @2GHz	2.54mm
	