

PRX/PX16 CABLES

High Density Microwave
for **PXIe**



FEATURES

RF Cables for PRX/PX16 Plug Housings

Pre-Terminated Size-16 PKZ Cables

Custom Lengths to an Unterminated End

1.37mm, RG-178, 316, 405, .047",
and Custom Cables

300 MHz to 67 GHz

Constant Impedance over a Broad Axial Mating Tolerance

Can be Ordered as a Complete Harness

APPLICATIONS

PXIe Instrument Modules

Test & Measurement

Broadcast

Medical

Military

SPECIFICATIONS

MATERIALS AND FINISHES

PKZ CONTACTS

Bodies: Brass Per ASTM B16, Gold Over Nickel

Contacts: Beryllium Copper Per ASTM B196
Or Brass Per ASTM B16, Gold Over Nickel

Insulators: Virgin Teflon (PTFE) Per ASTM D1710

ELECTRICAL

PKZ CONTACTS

Impedance: 50 Ohms

Frequency: Up to 67 GHz

Axial Mating: .050"

VSWR: Configuration Dependent

ENVIRONMENTAL

PKZ CONTACTS

Operating
Temperature: -55°C to +165°C

Vibration: MIL-STD-202, Method 204,
Test Condition D

Shock: MIL-STD-202, Method 213,
Test Condition I

Durability: 500 Cycles



Leading Blindmate Microwave Contact Technology

www.phoenixofchicago.com

PRX/PX16 CABLES

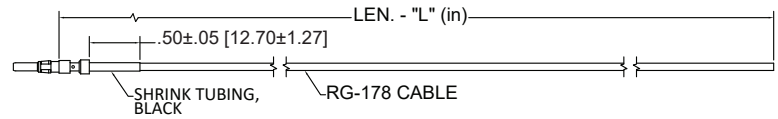
PkZ PLUG RF CABLE FOR RG-178

PART NUMBER: 156000023000XXX

Impedance: 50 Ohms.

Frequency: DC TO 3 GHz.

Hi-Pot & Continuity Test 100%



Single PkZ plug RF cable with an unterminated end on RG-178 cable. The customer can specify the length through a part number menu in the drawing. Customer needs to trim and terminate the open end as described in the harness assembly instructions in PRX kit drawing PRX26Kxxxxxxxxx.

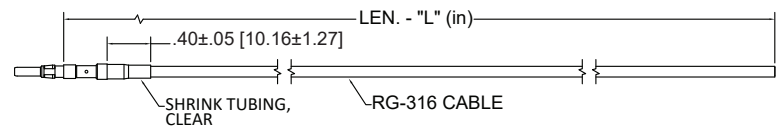
PkZ PLUG RF CABLE FOR RG-316

PART NUMBER: 156000007000XXX

Impedance: 50 Ohms.

Frequency: DC TO 3 GHz.

Hi-Pot & Continuity Test 100%



Single PkZ plug RF cable with an unterminated end on RG-316 cable. The customer can specify the length through a part number menu in the drawing. Customer needs to trim and terminate the open end as described in the harness assembly instructions in PRX kit drawing PRX26Kxxxxxxxxx.

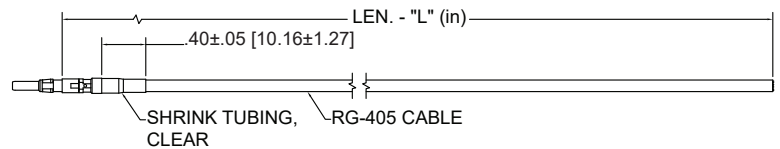
PkZ PLUG RF CABLE FOR RG-405

PART NUMBER: 156000064000XXX

Impedance: 50 Ohms.

Frequency: DC TO 18 GHz.

Hi-Pot & Continuity Test 100%



Single PkZ plug RF cable with an unterminated end on RG-405 cable. The customer can specify the length through a part number menu in the drawing. Customer needs to trim and terminate the open end as described in the harness assembly instructions in PRX kit drawing PRX26Kxxxxxxxxx.

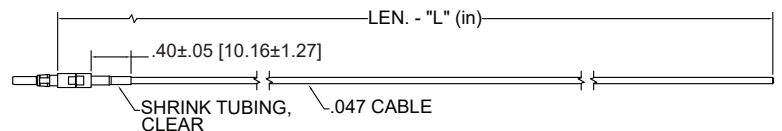
PkZ PLUG RF CABLE FOR M17/151 (.047)

PART NUMBER: 1560000EK000XXX

Impedance: 50 Ohms.

Frequency: DC TO 67 GHz.

Hi-Pot & Continuity Test 100%



Single PkZ plug RF cable with an unterminated end on M17/151 (.047) cable. The customer can specify the length through a part number menu in the drawing. Customer needs to trim and terminate the open end as described in the harness assembly instructions in PRX kit drawing PRX26Kxxxxxxxxx.

LEARN MORE

