

Cable Assemblies

DC Cable Assemblies

BNC, TRX, SMA, SSMC, Banana, Alligator clip coaxial/triaxial cable assemblies for I-V/C-V, pulsed I-V measurement.

High Power Tests

SHV, MHV, coaxial/triaxial cable assemblies for high power tests and measurements.

RF, mmW

Coaxial RF cable assemblies and waveguides.

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DC Cable Assemblies

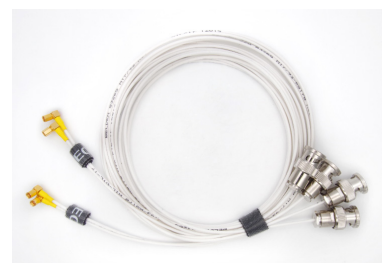
SMA to TRX Cable Assembly CA-SMA-TRIAX-MTM-1M /(2M/3M)

Application	Low noise I-V measurement FemtoProbe cable assembly For connection of FemtoProbe to ultra high resolution semiconductor characterization systems.
Current Leakage	<10fA
Cable	1, 2 or 3m TRIAX cable available
Connector	SMA, male, gold coating side1 Triax, male, gold (contact finish) side2
Breakdown voltage	500V



SSMC to BNC Cable Assembly CA-SSMC-BNC-FTM-1M /(2M/3M)

Application	Low noise I-V measurement CPA-10 cable assembly For connection of CPA-10 to LCR or any other C-V measurement instrument.
Current Leakage	<10pA
Cable	1, 2 or 3m COAX cable available
Connector	SSMC, female, gold coating, side1 BNC, male, silver (contact finish) side2
Breakdown voltage	500V



SSMC to SMA Cable Assembly CA-SSMC-SMA-MTF-1M /(2M/3M)

Application	Ultra-fast I-V tests: pulsed I-V, transient I-V, and pulsed sourcing.
Current Leakage	<10pA
Cable	1, 2 or 3m COAX cable available
Connector	SSMC, male, gold coating side1 SMA, female, silver (contact finish) side2
Breakdown voltage	500V



DC Cable Assemblies

SSMC to TRX Cable Assembly CA-SSMC-TRIAX-FTM-1M /(2M/3M)

Application	Low noise I-V measurement For connection of CPA-10 to ultra high resolution semiconductor characterization systems.
Current Leakage	<10fA
Cable	1, 2 or 3m TRIAX cable available
Connector	SSMC, female, gold coating side1 BNC, male, gold (contact finish) side2
Breakdown voltage	500V



BNC to BNC Cable Assembly CA-BNC-BNC-MTM-1M /(2M/3M)

Application	Extended connection, in series. Low noise I-V measurement.
Current Leakage	<10pA
Cable	1, 2 or 3m COAX cable available
Connector	BNC, male, silver (contact finish) side1 BNC, male, silver (contact finish) side2
Breakdown voltage	500V



BNC to TRX Cable Assembly CA-BNC-TRIAX-MTM-1M /(2M/3M)

Application	Extended connection, between series. Low noise I-V measurement.
Current Leakage	<10fA
Cable	1, 2 or 3m TRIAX cable available
Connector	BNC, male, silver (contact finish) side1 Triax, male, gold (contact finish) side2
Breakdown voltage	500V



TRX to TRX Cable Assembly CA-TRIAX-TRIAX-MTM-1M /(2M/3M)

Application	Extended connection, in series. Low noise I-V measurement.
Current Leakage	<10fA
Cable	1, 2 or 3m TRIAX cable available
Connector	Triax, male, gold (contact finish) side1 Triax, male, gold (contact finish) side2
Breakdown voltage	500V



DC Cable Assemblies

BNC to Alligator Clip Cable Assembly CA-BNC-AC-MTM-1M /(2M/3M)

Application	Adapts BNC to alligator clip end
Current Leakage	<10nA
Cable	1, 2 or 3m COAX cable available
Connector	BNC, male, silver (contact finish) side1 Alligator clip(2 each), gold (contact finish) side2
Breakdown voltage	500V



TRX to Alligator Clip Cable Assembly CA-TRX-AC-MTM-1M /(2M/3M)

Application	Adapts TRX connector to alligator clip end
Current Leakage	<10nA
Cable	1, 2 or 3m TRIAX cable available
Connector	Triax, male, gold (contact finish) side1 Alligator clip(3 each), male, nickel (contact finish) side2
Breakdown voltage	500V



BNC to Banana Plug Cable Assembly CA-BNC-BA-MTM-1M /(2M/3M)

Application	Adapts BNC to banana plug end
Current Leakage	<10nA
Cable	1, 2 or 3m COAX cable available
Connector	BNC, male, silver (contact finish) side1 Banana plug (2 each), nickel (contact finish) side2
Breakdown voltage	500V



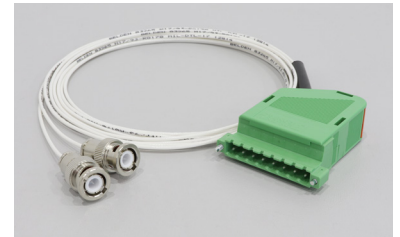
TRX to Banana Plug Cable Assembly CA-TRX-BA-MTM-1M /(2M/3M)

Application	Adapts TRX connector to banana plug end
Current Leakage	<10nA
Cable	1, 2 or 3m TRIAX cable available
Connector	Triax, male, gold (contact finish) side1 Banana plug (3 each), nickel (contact finish) side2
Breakdown voltage	500V



Phoenix connector to BNC CA-BNC-2612B-MTM-2M

Application	Keithley 2612B Cable Assembly
Current Leakage	<10pA
Cable	COAX cable, 2 meters
Connector	BNC, male, silver(contact finish) side1 Phoenix connector, side2
Breakdown voltage	500V



High Current, High Voltage Cable Assemblies

SHV to SHV Cable Assembly CA-SHV-SHV-FTF-1M /(2M/3M)

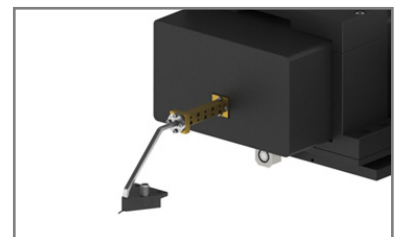
Application	Extended connection for SHV connector. High voltage, high current tests.
Maximum current	120mA
Maximum voltage	5000V
Cable	1, 2 or 3m COAX cable available
Connector	SHV, male, gold (contact finish) side1 SHV, male, gold (contact finish) side2
Breakdown voltage	>5000V



RF, mmW cables, waveguides

RF, mmW cables, waveguides

Application	High-performance RF, multi-contact/mixed signal measurement, Single-ended broadband/mmWave, THz, source/load pull, RF noise measurement
Cable*	Semi rigid coax cable or waveguides
Connector	Vary from frequency bands



*Please contact us for detail information of cables and connectors.

Adapters (Connectors)

In/between series adapters for DC, RF, mmW and high power extendtions and feedthrougs.

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BNC feedthrough Adapter ADP-BNC-BNC-FTF

Application	In series, extended coax cable connection or shield enclosure feedthroughs.
Current Leakage	<10pA
Gender	Female side 1, Female side 2
Coating	Nikel
Contact Finish	Silver
Mounting	Bulkhead
Breakdown voltage	500V



TRX feedthrough Adapter ADP-TRIAX-TRIAX-FTF

Application	In series, extended triax cable connection or shield enclosure feedthroughs.
Current Leakage	<10fA
Gender	Female side 1, Female side 2
Coating	Nikel
Contact Finish	Gold
Mounting	Bulkhead
Breakdown voltage	500V



BNC Tee Adapter ADP-BNCT-MTFF

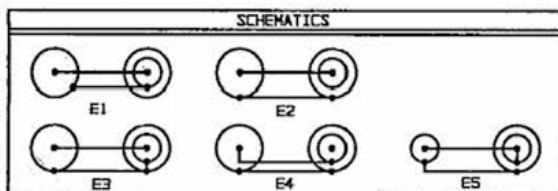
Application	Two BNC to one BNC connection. Often used with CV module.
Current Leakage	<10fA
Gender	Male side 1, Female side 2&3
Coating	Nikel
Contact Finish	Silver
Mounting	Bulkhead
Breakdown voltage	500V



TRX to BNC Adapter ADP-TRIAX-BNC-FTF

Application	Between series, BNC to triax.
Current Leakage	N.A.
Gender	Female side 1, Female side 2
Coating	Nikel
Contact Finish	Gold
Mounting	Bulkhead
Breakdown voltage	500V
Schematics	E1/ E2/ E3/ E4/ E5, see picture below

*Male gender available upon request.



BNC feedthrough Adapter ADP-BNC-BNC-FTF

Application	In series, extended coax connections or feedthroughs for high voltage I-V measurement.
Current Leakage	N.A.
Gender	Female side 1, Female side 2
Coating	Nikel
Contact Finish	Silver
Mounting	Bulkhead
Breakdown voltage	>5000V



Coax to Waveguide Adapter

Application	Between series, connects coax connectors to waveguide connectors. Eg. 1.0mm to WR-12
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*Please contact us for detail information.

