RF Cable/Adapter/Torque Wrench

Product Manual
2026.04

Guaranty and Declaration

Publication Number

ADS04101-1110

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Website:www.rigol.com

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Document Overview

This manual provides specifications for RIGOL RF cables, adapters, and torque wrenches. These products are designed for use with vector network analyzers and calibration kits. You can visit the RIGOL official website (www.rigol.com) to download the latest manuals for vector network analyzers and calibration kits.

RF Cable

Model	Frequency Range	Connector
CB-3.5M-3.5M-100-L-26G	DC-26.5 GHz	3.5 mm (Male)- 3.5 mm (Male), 100 cm
CB-SMAM-SMAM-100-L-18G	DC-18 GHz	SMA (Male)- SMA (Male), 100 cm
CB-NM-NM-100-L-18G	DC-18 GHz	N (Male)- N (Male), 100 cm
CB-NM-SMAM-100-L-18G	DC-18 GHz	N (Male)- SMA (Male), 100 cm
CB-NM-3.5M-100-L-18G	DC-18 GHz	N (Male)- 3.5 mm (Male), 100 cm
CB-NMD3.5F-3.5F-63-L-26G[1]	DC-26.5 GHz	NMD 3.5 mm (Female)- 3.5 mm (Female), 63.5 cm

[1] For use with vector network analyzers only.

Adapter

Model	Frequency Range	Connector
AD-NF-NF-L-18G	DC-18 GHz	N (Female)- N (Female)
AD-NM-NM-L-18G	DC-18 GHz	N (Male)- N (Male)
AD-SMAF-SMAF-L-18G	DC-18 GHz	SMA (Female)- SMA (Female)
AD-SMAM-SMAM-L-18G	DC-18 GHz	SMA (Male)- SMA (Male)
AD-3.5F-3.5F-L-26G	DC-26.5 GHz	3.5 mm (Female)- 3.5 mm (Female)
AD-3.5M-3.5M-L-26G	DC-26.5 GHz	3.5 mm (Male)- 3.5 mm (Male)
AD-NM-BNCF-L-4G	DC-4 GHz	N (Male)- BNC (Female)

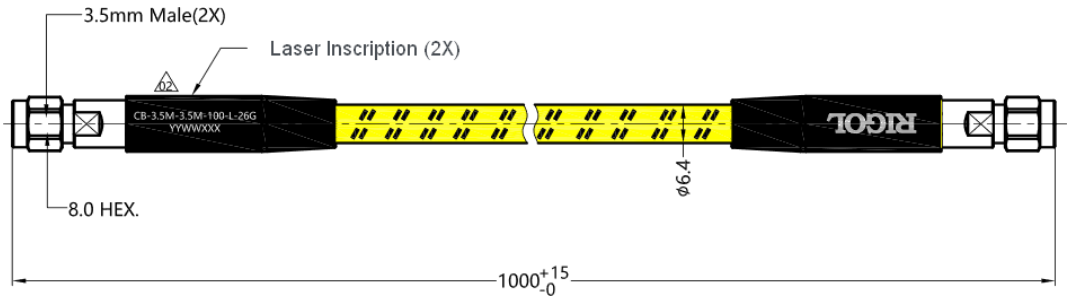
AD-SMAM-NM-L-18G	DC-18 GHz	SMA (Male)- N (Male)
AD-SMAF-NM-L-18G	DC-18 GHz	SMA (Female)- N (Male)
AD-SMAF-BNCM-L-4G	DC-4 GHz	SMA (Female)- BNC (Male)
AD-3.5M-2.92F-L-26G	DC-26.5 GHz	3.5 mm (Male)- 2.92 mm (Female)
AD-3.5F-2.92M-L-26G	DC-26.5 GHz	3.5 mm (Female)- 2.92 mm (Male)

Torque Wrench

Model	Specification	Compatible Connector
TW8-8	8 in - lb, 8.1 mm open-end	SMA, 3.5 mm connector
TW812-19	12 in - lb, 19.1 mm open-end	N-type connector

RF Cable: CB-3.5M-3.5M-100-L-26G

DC-26.5 GHz, 3.5 mm (Male)- 3.5 mm (Male), 100 cm



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Coupling nut	Stainless steel	Passivation
Body	Stainless steel	Passivation
Contact Pin	Be-Cu	Gold
Insulator	PEEK	Natural
Barrel	Aluminum	Black anodizing
Cable	RG26, Armored low loss stabilized phase rf cable(Yellow+Black)	-

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-26.5 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- VSWR: ≤ 1.25
- Insertion loss: ≤ 2.9 dB
- Mechanical phase stability: ±4° (Dual channel)
- Mechanical amplitude stability: ±0.1 dB (Dual channel)

MECHANICAL SPECIFICATIONS

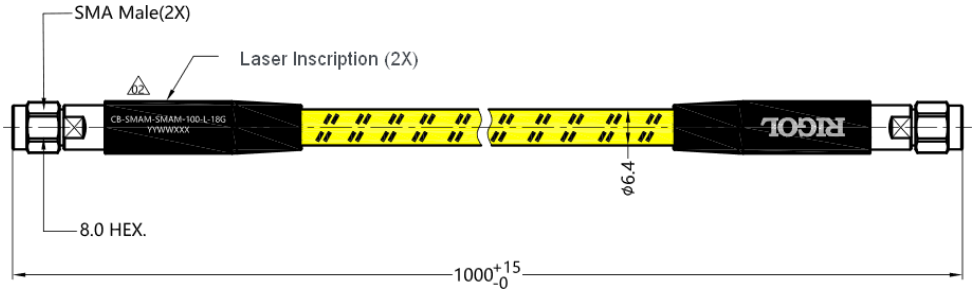
- Min. bending radius static: 32 mm
- Min. bending radius dynamic: 64 mm
- Recommended coupling torque: 7 - 9 in - lbs
- Coupling nut retention force: 60 lbs
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +105 ℃

RF Cable: CB-SMAM-SMAM-100-L-18G

DC-18 GHz, SMA (Male)- SMA (Male), 100 cm



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Coupling nut	Stainless steel	Passivation
Body	Stainless steel	Passivation
Contact Pin	Phosphor bronze	Gold
Insulator	PTFE	Natural
Barrel	Aluminum	Black anodizing
Cable	RG18, armored low-loss phase-stabilized RF cable, yellow and black	-

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- VSWR: ≤ 1.25
- Insertion loss: ≤ 2.4 dB
- Mechanical phase stability: ±4° (Dual channel)
- Mechanical amplitude stability: ±0.1 dB (Dual channel)

MECHANICAL SPECIFICATIONS

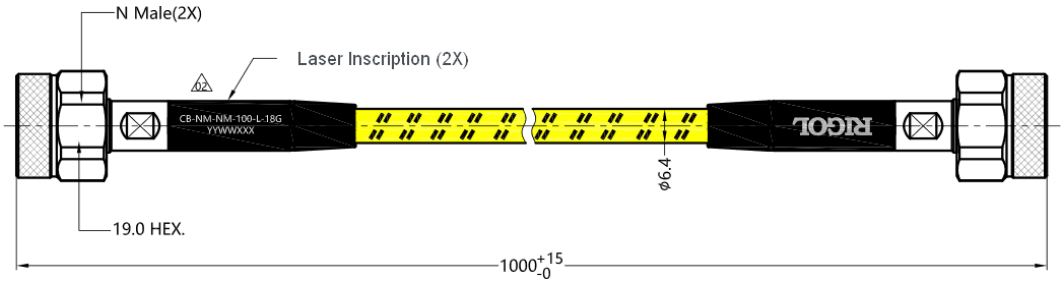
- Min. bending radius static: 32 mm
- Min. bending radius dynamic: 64 mm
- Recommended coupling torque: 7 - 9 in - lbs
- Coupling nut retention force: 60 lbs
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +105 ℃

RF Cable: CB-NM-NM-100-L-18G

DC-18 GHz, N (Male)- N (Male), 100 cm



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Coupling nut	Stainless steel	Passivation
Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PEI&PEEK	Natural
Barrel	Aluminum	Black anodizing
Cable	RG18, armored low-loss phase-stable RF cable, yellow and black	-

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750V (AC)
- Insulation resistance: 5000 MΩ
- VSWR: ≤ 1.25
- Insertion loss: ≤ 2.4dB
- Mechanical phase stability: ±4° (Dual-channel)
- Mechanical amplitude stability: ±0.1 dB (Dual-channel)

MECHANICAL SPECIFICATIONS

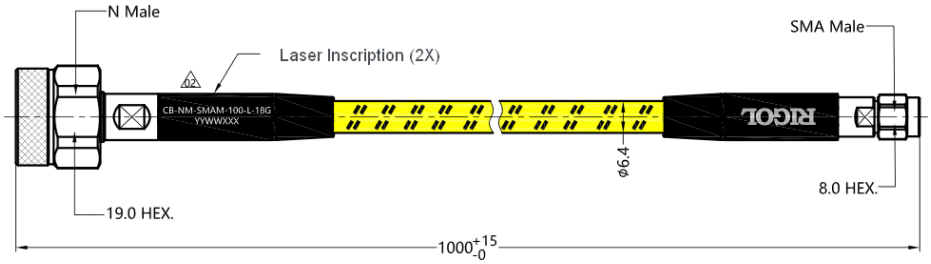
- Min. bending radius static: 32mm
- Min. bending radius dynamic: 64mm
- Recommended coupling torque: 9 - 14 in - lbs
- Coupling nut retention force: 100 lbs
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +105 ℃

RF Cable: CB-NM-SMAM-100-L-18G

DC-18 GHz, N (Male)- SMA (Male), 100 cm



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Coupling nut	Stainless steel	Passivation
Body	Stainless steel	Passivation
Contact Pin	NM (Be – Cu) SM (Phosphor bronze)	Gold;Gold
Insulator	PEI&PEEK(NM); PTFE(SM)	Natural; Natural
Barrel	Aluminum	Black anodizing
Cable	RG18, armored low-loss phase-stable RF cable, yellow and black	-

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- VSWR: ≤ 1.25
- Insertion loss: ≤ 2.4dB
- Mechanical phase stability: ±4° (Dual channel)
- Mechanical amplitude stability: ±0.1 dB (Dual channel)

MECHANICAL SPECIFICATIONS

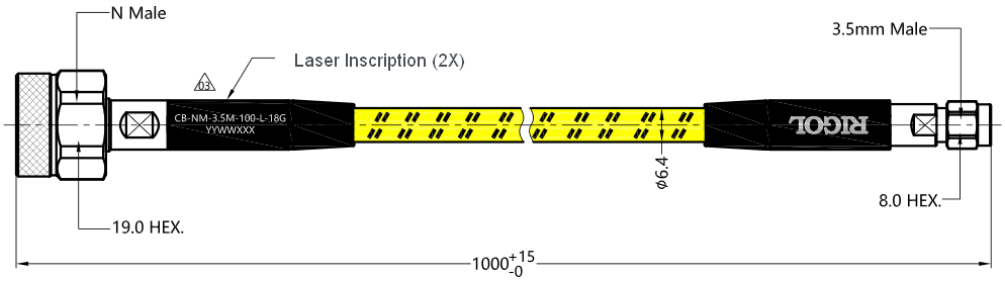
- Min. bending radius static: 32 mm
- Min. bending radius dynamic: 64 mm
- Recommended coupling torque:
- 9 - 14 in - lbs (NM)
- 7 - 9 in - lbs (SM)
- Coupling nut retention force: 100 lbs (NM); 60 lbs (SM)
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +105 ℃

RF Cable: CB-NM-3.5M-100-L-18G

DC-18 GHz, N (Male)- 3.5 mm (Male), 100 cm



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Coupling nut	Stainless steel	Passivation
Body	Stainless steel	Passivation
Contact Pin	Be – Cu	Gold
Insulator	PEI&PEEK(NM); PEEK(35 M)	Natural; Natural
Barrel	Aluminum	Black anodizing
Cable	RG18, armored low-loss phase-stable RF cable, yellow and black	-

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- VSWR: ≤ 1.25
- Insertion loss: ≤ 2.4dB
- Mechanical phase stability: ±4° (Dual channel)
- Mechanical amplitude stability: ±0.1 dB (Dual channel)

MECHANICAL SPECIFICATIONS

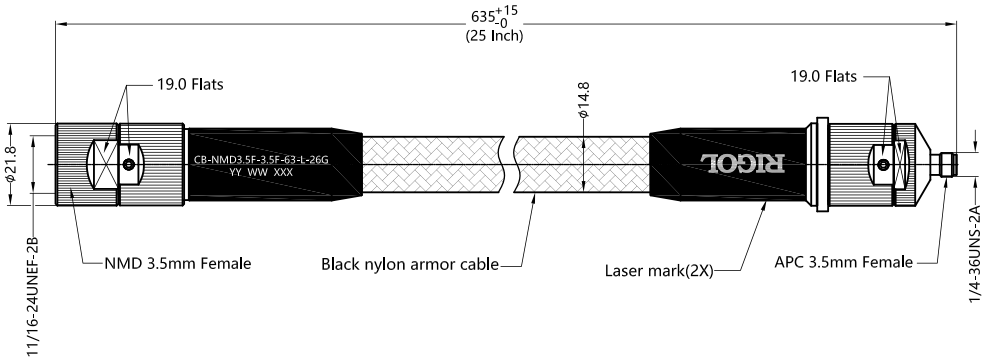
- Min. bending radius static: 32 mm
- Min. bending radius dynamic: 64 mm
- Recommended coupling torque:
- 9 - 14 in - lbs (NM)
- 7 - 9 in - lbs (35 M)
- Coupling nut retention force: 100 lbs (NM); 60 lbs (35 M)
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +105 ℃

RF Cable: CB-NMD3.5F-3.5F-63-L-26G (For Network Analyzer)

DC-26.5 GHz, NMD 3.5 mm (Female)- 3.5 mm (Female), 63.5 cm



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Coupling nut	Stainless steel	Passivation
Body	Stainless steel	Passivation
Contact Pin	Beryllium copper	Gold
Insulator	PEI &PEEK	Natural
Cable	Stainless steel double buckle black nylon armor	-

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-26.5 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 2.0 dB
- VSWR: ≤ 1.25
- Mechanical phase stability: ±2.7° (Dual channel)
- Mechanical amplitude stability: ±0.08 dB (Dual channel)

MECHANICAL SPECIFICATIONS

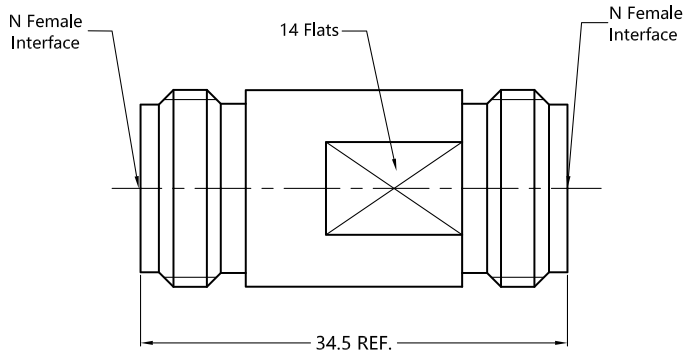
- Min. bending radius static: 74 mm
- Min. bending radius dynamic: 148 mm
- Recommended coupling torque: 9 - 14 in - lbs
- Coupling nut retention force: 100 lbs
- Durability: 50,000 Cycles (FLEX)

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -40 ℃ ~ +85 ℃

Adapter: AD-NF-NF-L-18G

DC-18 GHz, N (Female)- N (Female)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PEI	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ $0.1\times\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

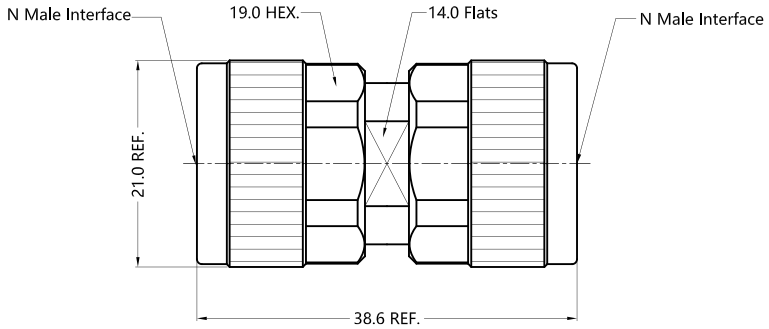
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: N/A
- Coupling nut retention force: N/A
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-NM-NM-L-18G

DC-18 GHz, N (Male)- N (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PEI	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ $0.1\times\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

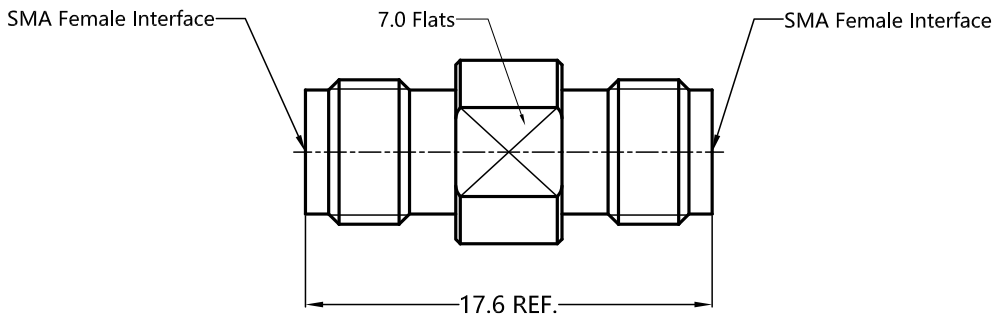
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: 9 - 14 lbs
- Coupling nut retention force: >100 lbs

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-SMAF-SMAF-L-18G

DC-18 GHz, SMA (Female)- SMA (Female)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PTFE	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.06 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

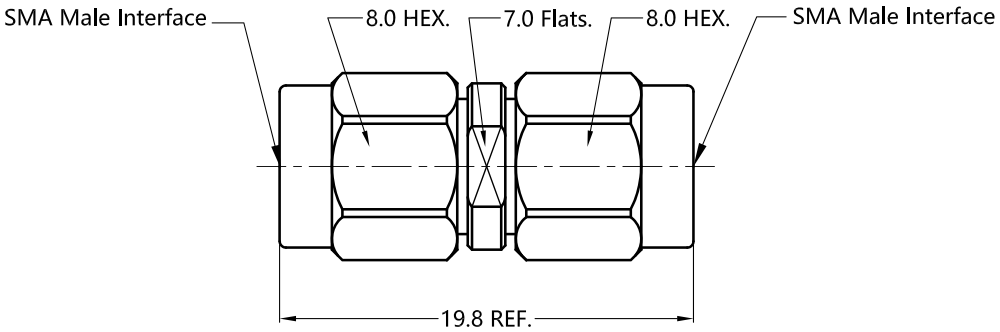
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: N/A
- Coupling nut retention force: N/A
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-SMAM-SMAM-L-18G

DC-18 GHz, SMA (Male)- SMA (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell	Stainless steel	Passivation
Body	Stainless steel	Gold
Contact Pin	Brass	Gold
Insulator	PTFE	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.06 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

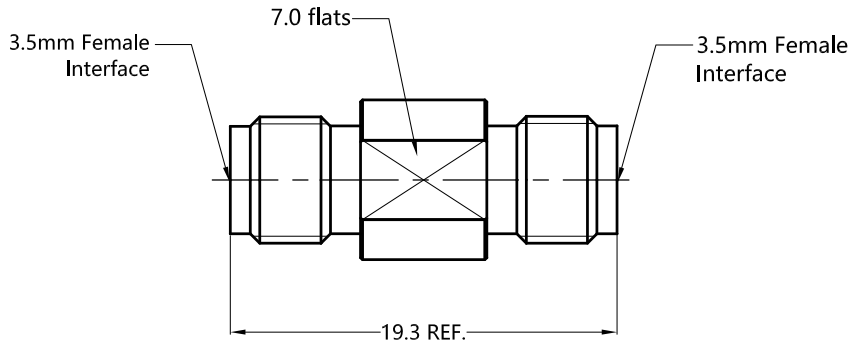
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: 7 - 9 in - lbs
- Coupling nut retention force: > 60 lbs
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-3.5F-3.5F-L-26G

DC-26.5 GHz, 3.5 mm (Female)- 3.5 mm (Female)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PEI	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-26.5 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.06 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

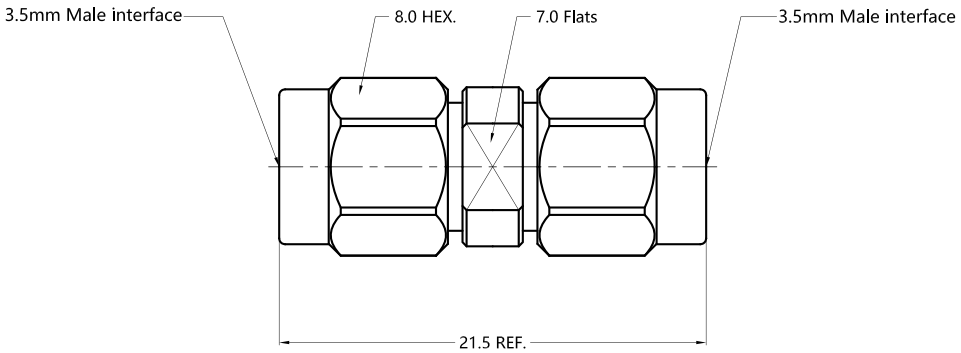
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: N/A
- Coupling nut retention force: N/A
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-3.5M-3.5M-L-26G

DC-26.5 GHz, 3.5 mm (Male)- 3.5 mm (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell	Stainless steel	Passivation
Contact Pin	Brass	Gold
Insulator	PEI	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-26.5 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.06 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

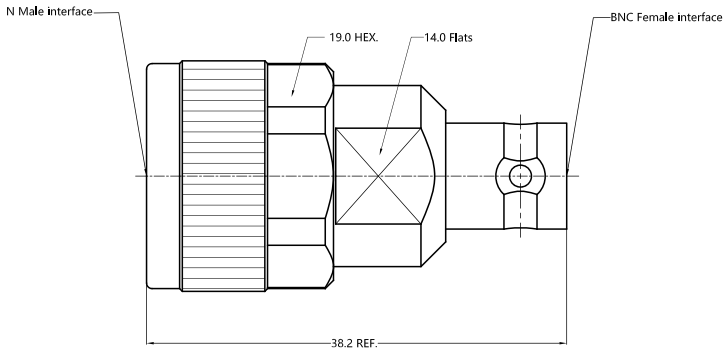
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: 7 - 9 in - lbs
- Coupling nut retention force: > 60 lbs
- Durability: ≥ 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-NM-BNCF-L-4G

DC-4 GHz, N (Male)- BNC (Female)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PEI&PTFE	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-4 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.06 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

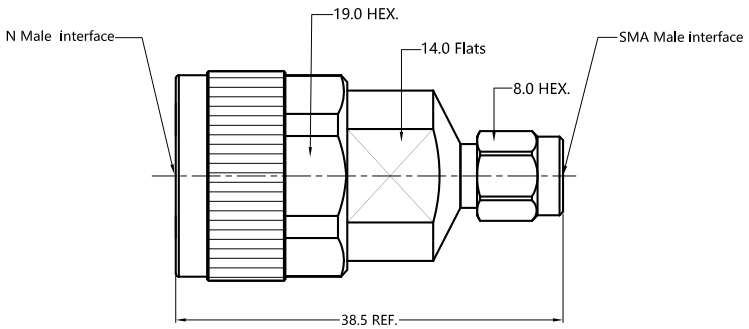
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: 9 - 14 in – lbs (N Male)
- Coupling nut retention force: > 100 lbs (N Male)
- Durability: ≥ 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-SMAM-NM-L-18G

DC-18 GHz, SMA (Male)- N (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell/Body	Stainless steel	Passivation
Contact Pin	Brass	Gold
Insulator	PEI&PTFE	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.06 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

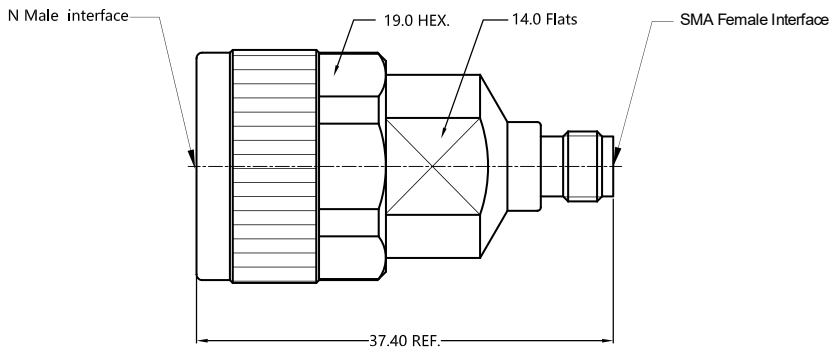
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque:
- 9 - 14 in – lbs (N Male);
- 7 - 9 in – lbs (SMA Male)
- Coupling nut retention force:
- 100 lbs (N Male);
- > 60 lbs (SMA Male)
- Durability: ≥ 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-SMAF-NM-L-18G

DC-18 GHz , SMA (Female)- N (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell/Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PTFE/PEI	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-18 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.08 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

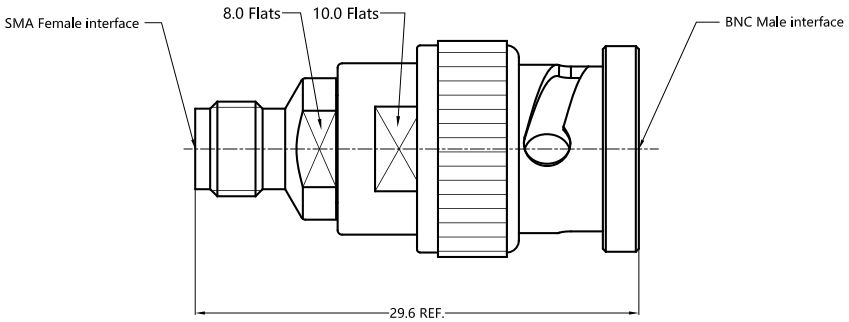
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque:
- 9 - 14 in – lbs (N Male);
- Coupling nut retention force:
- > 100 lbs (N Male);
- Durability: ≥ 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-SMAF-BNCM-L-4G

DC-4 GHz , SMA (Female)- BNC (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Body	Stainless steel/Be - Cu	Passivation/Nickel
Contact Pin	Be - Cu	Gold
Insulator	PEI/PTFE	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-4 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: 5000 MΩ
- Insertion loss: ≤ 0.08 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

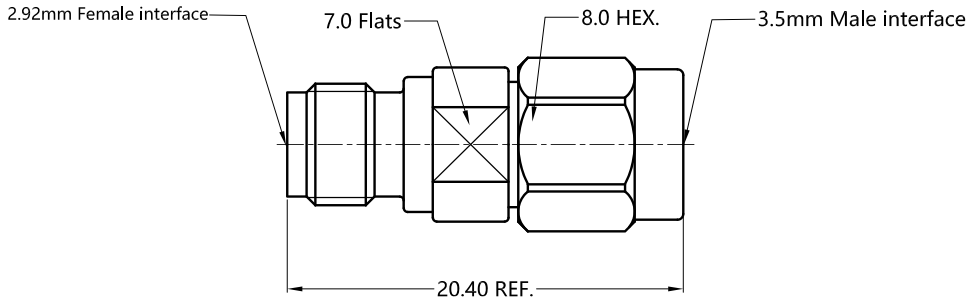
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Coupling nut proof torque: N/A
- Coupling nut retention force: N/A
- Durability: ≥ 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-3.5M-2.92F-L-26G

DC-26.5 GHz, 3.5 mm (Male)- 2.92 (Female)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell	Stainless steel	Passivation
Body	Stainless steel	Gold
Contact Pin	Be - Cu	Gold
Insulator	PEI	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-26.5 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: ≥ 5000 MΩ
- Insertion loss: ≤ 0.08 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

MECHANICAL SPECIFICATIONS

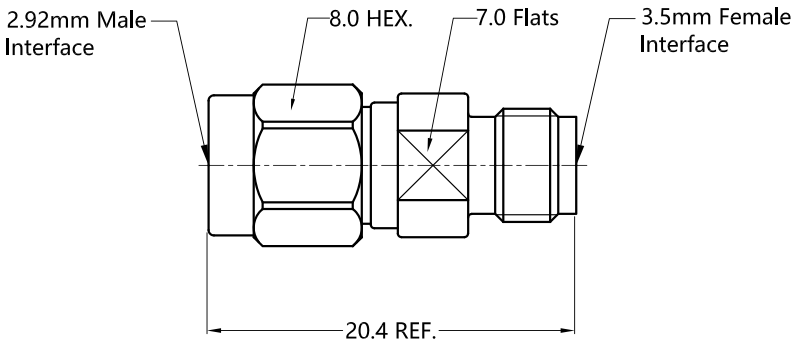
- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: 7 - 9 in - lbs
- Coupling nut retention force: > 60 lbs
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Adapter: AD-3.5F-2.92M-L-26G

DC-26.5 GHz, 3.5 mm (Female) - 2.92 mm (Male)



MATERIAL SPECIFICATIONS

Piece Parts	Materials	Plating
Shell/Body	Stainless steel	Passivation
Contact Pin	Be - Cu	Gold
Insulator	PTFE	Natural

ELECTRICAL SPECIFICATIONS

- Impedance: 50 Ω
- Frequency range: DC-26.5 GHz
- Voltage rating: 250 V_{rms}
- Dielectric withstanding voltage: 750 V (AC)
- Insulation resistance: ≥ 5000 MΩ
- Insertion loss: ≤ 0.07 ×$\sqrt{F(GHz)}$ dB
- VSWR: ≤ 1.2

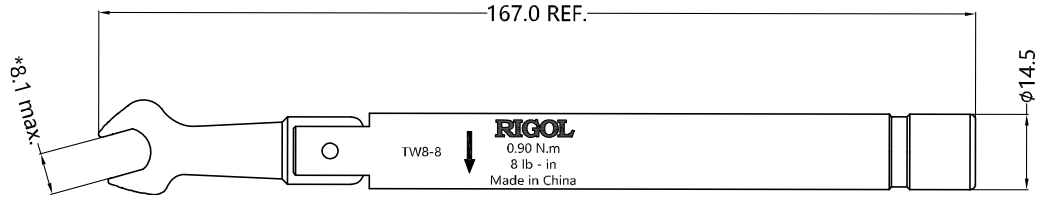
MECHANICAL SPECIFICATIONS

- Force to engage and disengage: N/A
- Center contact retention force: > 6 lbs
- Recommended coupling torque: 7 - 9 in - lbs
- Coupling nut retention force: > 60 lbs
- Durability: 500 Cycles

ENVIRONMENTAL SPECIFICATIONS

- RoHS & REACH: Compliant
- Temperature range: -55 ℃ - +125 ℃

Torque Wrench: TW8-8



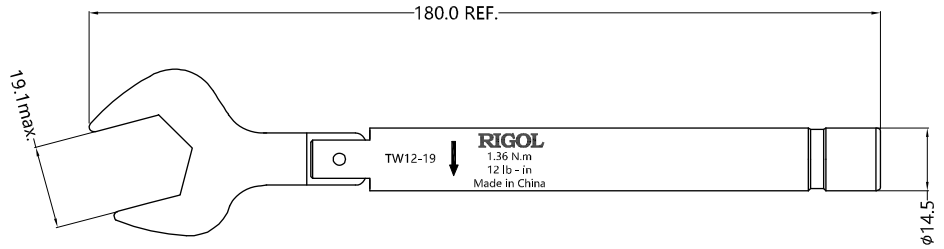
Material Specifications:

- Open-end head: stainless steel, nickel plated
- Handle: aluminum, anodized (black)
- Spring: manganese alloy
- Steel bead: stainless steel/passivation
- Spring pin: stainless steel, passivated
- Other parts: stainless steel, passivated

Notes:

- Torque specification: 0.9 ± 0.04 N.m (8.0 ± 0.32 lb-in)
- Open-end size: 8.1 mm
- Application: 2.4 mm / 3.5 mm / 2.92 mm / SMA / 1.85 mm male connectors

Torque Wrench: TW12-19



Material Specifications:

- Open-end head: stainless steel, nickel plated
- Handle: aluminum, anodized (black)
- Spring: manganese alloy
- Steel bead: stainless steel/passivation
- Spring pin: stainless steel, passivated
- Other parts: stainless steel, passivated

Notes:

- Torque specification: 1.36 ± 0.05 N.m (12.0 ± 0.48 lb-in)
- Open-end size: 19.1 mm
- Application: N-type male connectors

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