



Coaxial Cable

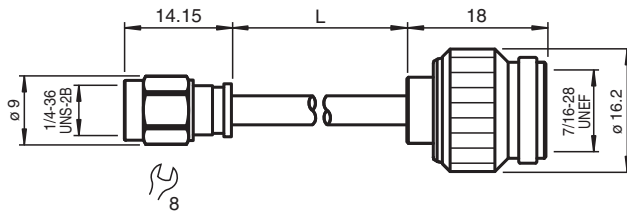
IUK-SMA-10M-LL240F-FRNC-TNC

- UV resistant
- Flame resistant cable

Adapter cable SMA plug straight to TNC plug straight, FRNC coaxial cable black, UV resistant



Dimensions



Technical Data

General specifications

Connector 1	
Construction type	SMA connector 1/4-36 UNS-2B
Style	straight
Locking	screw connection
Connector 2	
Construction type	TNC connector 7/16-28 UNEF
Style	straight
Locking	screw connection

Electrical specifications

Impedance	50 Ω ± 2 Ω
Signal attenuation	29.1 dB/100 m @ 900 MHz

Conformity

Plug connection	SMA connector : IEC 60169-15 TNC connector : IEC 60169-17
Flammability	IEC 60332-1-2

Ambient conditions

Operating temperature	-40 ... 70 °C (-40 ... 158 °F)
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Mechanical specifications

Connector 1	
Tightening torque	0.79 ... 1.13 Nm
Tool installation	hexagon nut SW = 8 mm
Mating cycles	min. 500
Connector 2	

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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Technical Data

Tightening torque		0.46 ... 0.69 Nm
Tool installation		straight knurling
Mating cycles		min. 500
Cable		
Sheath diameter		5.5 mm
Bending radius		≥ 44 mm , moving ≥ 22 mm , fixed
Sheath color		black (similar to RAL 7021)
Conductor construction		inner conductor copper, stranded wire Ø 1.44 mm outer conductor aluminium foil tinned copper braiding Ø 4.2 mm
Core construction		coaxial
Length	L	10 m
Material		
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Seal		silicone
Contact surface		gold plated (Au)
Connector 2		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Seal		silicone
Contact surface		gold plated (Au)
Cable		
Sheathing		FRNC
Core insulation		PE
UV resistance		yes
Flammability		flame retardant