



# Coaxial Cable

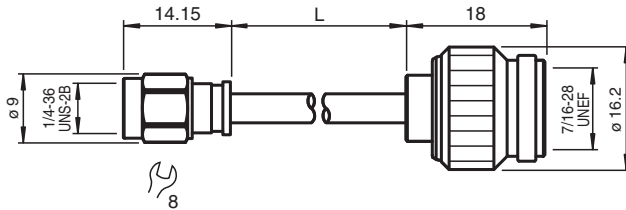
## IUK-SMA-2M-LL240F-FRNC-TNC

- 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	
<b>Connector 1</b>	
Construction type	SMA connector 1/4-36 UNS-2B
Style	straight
Locking	screw connection
<b>Connector 2</b>	
Construction type	TNC connector 7/16-28 UNEF
Style	straight
Locking	screw connection
<b>Electrical specifications</b>	
Impedance	50 Ω ± 2 Ω
Signal attenuation	29.1 dB/100 m @ 900 MHz
<b>Conformity</b>	
Plug connection	SMA connector : IEC 60169-15 TNC connector : IEC 60169-17
Flammability	IEC 60332-1-2
<b>Ambient conditions</b>	
Operating temperature	-40 ... 70 °C (-40 ... 158 °F)
<b>Mechanical specifications</b>	
<b>Connector 1</b>	
Tightening torque	0.79 ... 1.13 Nm
Tool installation	hexagon nut SW = 8 mm
Mating cycles	min. 500
<b>Connector 2</b>	

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

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## Technical Data

Tightening torque		0.46 ... 0.69 Nm
Tool installation		straight knurling
Mating cycles		min. 500
<b>Cable</b>		
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	2 m
<b>Material</b>		
<b>Connector 1</b>		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Seal		silicone
Contact surface		gold plated (Au)
<b>Connector 2</b>		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Seal		silicone
Contact surface		gold plated (Au)
<b>Cable</b>		
Sheathing		FRNC
Core insulation		PE
UV resistance		yes
Flammability		flame retardant